

## SUBJECT INDEX TO VOLUME 7

JANUARY—JUNE, 1950

References are to page numbers. An asterisk denotes title and reference only

- Abscess of sweat glands, radiotherapy, 29  
 —, pulmonary, micropulverized penicillin in, 389  
 Acceleration, positive, physiological effects, 345  
 Acetaldehydehaemia after alcohol ingestion, 463  
 Acetaldehyde formation after "antabus" and alcohol ingestion, 353  
 — metabolism after "antabus" ingestion, 353  
 — and metabolism of ethyl alcohol, 583  
 $\alpha_1$ -Acetoxypregnanolone in rheumatoid arthritis, 649  
 Acetylcholine, action of, 13  
 — in nerve conduction, 12  
 — trimethylammonium group in, specificity of, 124  
 Acetylsalicylic acid in rheumatism, 405  
 Achlorhydria in diabetes mellitus, 371  
 Achondroplasia, spinal cord lesions in, 203  
 Acid-base balance, renal regulation, 120  
 Acidosis, ammonium chloride, renal compensation in, 120  
 — diabetic, electrolyte balance in, 613  
 —, —, hypopotassaemia developing during treatment, 53  
 —, —, potassium metabolism in, 373  
 —, —, recurrent, emotional factors in, 262  
 —, —, serum potassium in, 262  
 Acne rosacea, liver function in, 295  
 Acrocyanosis, 268  
 Acrokeratosis verruciforme, 512  
 Achromegaly, glucose tolerance, 74  
 —, radon in, 355  
 Acronecrosis due to fibrin and endothelial-cell thrombi, 374  
 ACTH, see Adrenocorticotrophin  
*Adinomyces bovis*, sensitivity to antibiotics, 42  
 Addison, Thomas, pioneer of endocrinology, 336\*  
 Addison's disease, citric acid content of blood in, 76  
 —, compound E in, 135  
 —, deoxycortone in, 119, 643  
 —, diabetes mellitus and, 76  
 —, pregnancy in, 183  
 Adenitis, tuberculous, streptomycin in, 430  
 Adenoma, bronchial, 282  
 —, chromophobe, myth of, 598  
 —, pituitary, irradiation of, 244  
 Adenomatosis, pulmonary, 68, 175  
 —, — or infectious, 280  
 —, —, pathology, 500  
 —, —, sputum examination in diagnosis, 500  
 Adrenal cortex and arterial hypertension, 270  
 —, — hyperfunction, salt tolerance test in, 505  
 —, — in acute porphyria, 50  
 —, — pathogenesis of arthritides, 523  
 —, — psychoses, 654  
 —, — renal sodium excretion and, 343  
 —, — secretion, blood glucose level and, 8
- Adrenal cortex steroids, convulsion therapy and, 536  
 — tissue, non-encapsulated, in periadrenal fat, 37  
 — pituitary function, rheumatic disease and, 518  
 Adrenaline, action in isolated perfused lungs of dog, 121  
 —, — on heart rate, blood flow, and blood pressure, 575  
 — antagonism with alkyl homologues of ethylamines, 12  
 — histamine liberation from isolated lung by, 574  
 —, intravenous, in headache, 526  
 —, optical isomers, acute toxicity, 12  
 —, skin reactions to, 49  
 — tolerance test in liver cirrhosis, 69  
 Adrenals, see Suprarenals  
 Adrenergic agents in bronchospasm, 279  
 Adrenocorticotrophin activity, screening test of chemical compounds for, 505  
 —, clinical effects, 523  
 — in asthma, 614  
 — children with functional hypoglycaemia, 290  
 — chronic rheumatoid arthritis, 522  
 — disseminated lupus erythematosus, 511  
 — sclerosis, 525  
 — Loeffler's syndrome and tropical eosinophilia, 642  
 — myasthenia gravis, 412  
 — rheumatoid arthritis, 407  
 — — and acute gout, 306  
 — —, gout, psoriasis with arthritis, and allergic disorders, 642  
 — —, haematological changes, 648  
 — treatment, effects of, 641  
*Aerobacter aerogenes* urinary tract infection, aureomycin in, 647  
 Aerosols of aluminium and sodium chloride, silica dust deposition in lungs and, 341  
 —, lung volume in health and, 11  
 Aerosporin, see "Polymyxin B"  
 Agglutination, centrifugal, 364  
 Agranulocytosis, chronic, 277  
 —, cyclical, 170  
 —, splenectomy in, 273  
 —, "diatrin" treatment and, 382  
 — due to drugs, 40  
 —, thiosemicarbazone treatment of tuberculosis and, 436  
 —, toxic, benzene treatment causing, 24  
 "AH - 289", pharmacological studies, 368  
 Air, bacterial flora, in underground trains, 561  
 —, compressed, bone lesions due to working in, 6  
 — disinfection by triethylene glycol, 561  
 — pollution in towns, respiratory disease and, 562  
 Air-sickness, see Motion sickness  
 Albumin, hydrolysed human serum, nutritive value, 230  
 Alcohol content of blood, post-mortem, medico-legal importance, 26  
 Alcohol, effect on liver after infective hepatitis, 180  
 —, —, prevention by choline, 595  
 — ingestion, acetaldehydehaemia and electrocardiographic changes after, 463  
 — injection of nasal mucosa in hay-fever, 49  
 — poisoning in infants and children, 258  
 Alcoholism, "antabus" treatment, 584, 655  
 —, chronic, "antabus" treatment, 23  
 —, genetic control, 152  
 —, conditioned-reflex treatment, 416  
 —, drugs for, 584  
 —, liver biopsy in, 638  
 "Aleudrine" in bronchospasm, 279  
 — in dyspnoea of coal-miners, 279  
 — inhalation, effect on mucous membranes, 259  
 — test in diagnosis of bronchial asthma, 50  
 Alimentary tract, congenital obstruction of, 607  
 Alkali intake, calcinosis after, 51  
 Alkyl mercury compounds, poisoning by, 134  
 — phosphates, action on nerve-muscle preparation and central nervous system of cat, 123  
**Allergic disorders**, 151-2, 259-60, 368-70, 485-6, 614-15  
 —, adrenocorticotrophin in, 642  
 —, vegetable gums and, 259  
 —, vitamin therapy, 151  
**Allergy**, 49-50  
 —, emotional conflict and, 614, 615  
 —, gastro-intestinal, treatment by "theophorin", 368  
 Allyl-isopropyl-acetyl-carbamide, see "Sedormid"  
 Alopecia, pituitary implantation in, 291  
 Altitude, effect of rapid ascent on man, 569  
 —, experimental tuberculosis and, 34  
 Aluminium dust aerosols, effect on silica dust deposition in lungs, 341  
 — monostearate, penicillin procaine with, use in children, 127  
*Amanita phalloides* poisoning, endocrine treatment of adrenal insufficiency during, 23  
 Amenorrhoea, pituitary implantation in, 291  
 Amentia, naevoid, see Sturge-Weber's disease  
 "Amidone", see "Physeptone"  
 Amidopyrine, intravenous, in chronic articular rheumatism, 648  
 Amines, aromatic, bladder lesions due to, 116  
 Amino-acid assimilation by bacteria, 41  
 Amino-aciduria in uranium poisoning, 133  
 $\beta$ -Aminobenzoic acid, anti-thyroid activity, 640  
 — in chronic joint disease, 87  
 — tuberculosis, 438  
 — typhus fever, 543  
 Aminophylline in bronchospasm, 279  
 Aminopterin, bone marrow changes after, 386  
 —, haematological changes due to, 169  
 — in acute leukaemia, 108, 169, 382, 624  
 — experimental neoplasms, 248  
 — monocytic leukaemia, 275  
 — sarcoma, 577  
 $\beta$ -Aminosalicylic acid excretion, caronamide and, 437  
 — in pulmonary tuberculosis, 217, 218, 327, 667  
 — — — urinary tuberculosis, 328  
 —, streptomycin resistance of *Myco. tuberculosis* prevented by, 103  
 Ammonium chloride acidosis, renal compensations in, 120  
 — ions, quaternary, in nerve physiology, 13  
**Anoebiasis**, 106-7  
 —, acute, coenzyme in, 106, 107  
 —, aureomycin in, 220  
 —, hepatic, chloroquine in, 106  
 — in Africans, treatment, 106  
 —, infancy, 556  
 —, thioarsenites in, 440  
 Amphetamine, effect on "curling" oesophagus, 634  
 — sulphate, intravenous, in acute barbiturate poisoning, 581  
 Amputations in sixteenth and seventeenth centuries, 448\*  
 —, interscapulo-thoracic, in 1808, Ralph Cuming and, 560\*  
 Amyl nitrite, effect on "curling" oesophagus, 634  
 Amyloidosis, secondary, 196  
 —, vitamin A in origin and prophylaxis, 474  
 $\beta$ -Amylose, iodinated, see "Tridine"  
 Amyotonia congenita, 206  
**Anaemia**, 62-5, 165, 275-7, 383-4, 496-7, 625-6  
 —, acute haemolytic, due to naphthalene poisoning, 353  
 —, arterial orthostatic, 160  
 —, arthritis and, in Simmonds's disease, 643  
 —, blood zinc content, 63  
 —, cobalt in, 343, 625  
 —, Cooley's, in Australia, 624  
 —, familial hypochromic, splenectomy and, 276  
 —, haemolytic, 167-8, 627-8  
 —, —, acquired, erythrocyte antibody production and, 64, 628  
 —, —, —, haemolysis in, 276  
 —, —, —, survival of transfused erythrocytes, 64  
 —, —, —, thrombocytopenia and leucopenia in, 628  
 —, —, macrocytic, incomplete antibodies causing, 628  
 —, —, with panmyelopathy, 627  
 —, hypochromic, intravenous iron therapy, 625  
 —, intravenous iron-sucrose therapy, 62  
 —, macrocytic, associated with intestinal stricture and anastomosis, 166  
 —, —, experimental production,

## SUBJECT INDEX TO VOLUME 7

- Anaemia, megaloblastic, in coeliac disease, folic acid therapy, 275  
—, of infancy, vitamin B<sub>12</sub> treatment, 626  
—, nutritional macrocytic, production in swine, 383  
—, —, vitamin B<sub>12</sub> in, 276  
—, —, megaloblastic, 626  
—, —, orthostatic, deoxycortone acetate and sodium chloride in, 76  
—, **pernicious**, 165-7, 626-7  
—, —, achylia gastrica in, 627  
—, —, Addisonian, glossitis in, vitamin B therapy, 276  
—, —, animal protein factor concentrate in, 166  
—, —, haemopoietic activity of parenteral beef muscle concentrate in, 496  
—, —, liver extract and folic acid antagonists in, 275  
—, —, neurological complications in, folic acid therapy, 383  
—, —, —, vitamin B<sub>12</sub> in, 412  
—, —, of pregnancy, 626  
—, —, out-patient treatment, 275  
—, —, resistant to vitamin B<sub>12</sub>, 627  
—, —, serum proteins of, electrophoretic analysis, 62  
—, —, teropterin and diopterin in, 383  
—, —, thymidine in, 165  
—, —, urinary phenol fractions in, effect of vitamin B<sub>12</sub> on, 626  
—, —, renninogen in, 275  
—, —, vitamin B<sub>12</sub> in, 276, 626  
—, —, —, and extracts of duodenal mucosa in, 165  
—, of pregnancy, intravenous iron in, 63  
—, relation between carbonic anhydrase activity and zinc content of erythrocytes in, 63  
—, sickle-cell, 496  
—, radiological findings, 625  
“Anahist”, *see* “Neohetramine”  
Anaphylaxis, eosinophilic response to, 151  
Anastomosis, arterio-venous, in pulmonary circulation, 281  
**Anatomy**, 229, 342  
—, bibliography of Basle works on, 1537-1900, 448\*  
—, first Russian textbook, 559\*  
—, **morbid**, 598-600  
—, teaching and resurrectionist activities in N. Scotland, 559  
Aneurin, physical efficiency and  
—, pyrophosphoric acid, *see* Cocarboxylase  
Aneurysm, aortic, thoracic and abdominal, dicetyl phosphate in, 272  
—, arterio-venous, angiography in, 31  
—, —, of lung, 67  
—, cardiac, murmurs of, 376  
—, intracranial, 201  
—, carotid arterial, 653  
—, mediastinal, angiocardiology in, 357  
**Angina pectoris**, 56, 619-20  
—, aspirin in, 620  
—, emotional excitement and, 491  
—, papaverine in, 267  
—, stellate-ganglion block in, 56  
Angiocardiography in diagnosis of pulmonary arteriosclerosis, 472  
—, —, mediastinal tumour and aneurysm, 357  
—, —, —, syphilitic aortitis, 472  
Angiography, cerebral, in arterio-venous aneurysm, 31  
—, —, rapid serial, 469  
Angiography, percutaneous carotid, 469  
—, —, cerebral, 138  
Anoxæmia, pulmonary, 174  
Anoxia, *see* Oxygen deficiency  
“Antabus”, acetaldehyde metabolism after, 353  
—, alcoholism treated by, 23, 584, 655  
—, death following ingestion of alcohol after, 655  
—, diabetes and, 655  
—, diabetogenic effect, 463  
—, site of acetaldehyde formation after, 353  
“Antabus”-alcohol vascular reactions, 463  
Anthelmintic drugs, kinetics of penetration through cuticle of *Ascaris*, 220  
“Artisan” and “Phenergan”, comparison, 49  
—, therapeutic action, 78  
Anthrax, cutaneous, 296  
**Antibiotics**, 18-20, 348-51, 578-80  
Antibody production, sites of, 146  
—, response in diabetes, relation of blood sugar and hypoproteinæmia to, 153  
Anticoagulants in disseminated sclerosis, 200  
—, venous thrombosis, 61  
—, bis-3 : 3’-(4-oxycoumarinyl)-ethyl acetate, 577  
—, 4-hydroxycoumarin, prothrombin time and, 576  
Antimony compounds in schistosomiasis in mice, comparison, 221  
—, in multiple myeloma, 385  
—, poisoning, BAL in, 464  
—, preparations in mycosis fungoides, 512  
“Antistin” dermatitis following, 644  
—, therapeutic action, 78  
Anuria, acute, conservative treatment, 197  
—, after ischaemia of renal cortex, 84  
—, intrarenal lesions and, 197  
Anal canal, carcinoma, x-ray therapy, 30  
Aorta, abdominal, radiography in diagnosis of gastric ulcer, 31  
—, anomaly, right retro-oesophageal arch, 58  
—, coarctation, abnormal digits, ovarian insufficiency, and shortness of stature associated with, 184  
—, Adams-Stokes syndrome, complete heart-block and bicuspid calcareous aortic valve associated with, 58  
—, clinical study, 162  
—, isthmic, with patent ductus arteriosus, 618  
—, —, patent ductus arteriosus and intrapulmonary vessels in, 247  
—, sounds and murmurs in, 162  
—, peroesophageal puncture, 470  
—, stenosis of, calcified, 53  
—, transposition of, and laevoposition of pulmonary artery, 58  
Aortitis, chronic, phonocardiography, 377  
—, syphilitic, angiocardiology, 472  
—, —, mercuric cyanide treatment, 401  
—, tuberculous, haemogenous tuberculosis and, 426  
Aphasia in left-handed subjects after brain injury, 91  
Apoplexy, epidemic, and poliomyelitis, 658  
Arachnodactyly, case reports, 148  
Arachnoiditis in posterior fossa, 310  
—, segmental, spinal injuries and, 203  
Arc welding, radiodermatitis of lip due to, 117  
Arnett count, environmental variations in, 62  
**Arrhythmia**, 56-8  
—, auricular fibrillation, in normal hearts, 265  
—, —, exercise and, 57  
—, —, thyrotoxic, 57  
—, flutter, myocardial infarction and, 57  
—, sympathetic stimulation and, 158  
—, cyclopropane anaesthesia causing, prevention, 15  
—, gallop rhythm, 377  
—, —, phonocardiography of, 265  
—, systematic physical and psychiatric examination in, 533  
—, triple rhythm, 378  
—, ventricular defects, effect of anoxia on, 57  
Arsenic encephalopathy, BAL treatment, 23  
—, poisoning, BAL in, 464  
—, radioactive, haematopoietic system disease and, 385  
Arsenoxide preparations, syphilis treated by, 514  
Arsphenamine, damage to nervous system, 308  
“Artane” in Parkinsonism, 414, 530  
—, and related compounds, 125  
Arterenol, *see* Noradrenaline  
Arteries, carotid, thrombosis, 652, 653  
—, intracranial carotid, aneurysm, 653  
—, pulmonary, perbronchial puncture for contrast-medium filling, 470  
Arteriography, pathological changes in arteries due to organic iodized compounds used in, 355  
—, in Raynaud’s disease, 61  
Arteriosclerosis obliterans as cause of leg ulcers, 622  
—, pulmonary, angiocardiology, 472  
Arterostenosis, pulse-wave recordings in diagnosis, 493  
—, rice diet in, 494  
Arteritis, temporal, case reports, 162  
Artery, carotid, acute blocking, 310  
—, —, ligation, David Fleming and, 336\*  
Arthritis, adrenal cortex in aetiology, 523  
—, anaemia and, in Simmonds’s disease, 643  
—, gonococcal, treatment, 85, 194  
—, physiotherapy and, 466  
—, procaine, intravenous, in, 519  
—, **rheumatoid**, 519-23  
—, —, 21-acetoxyprogrenolone in, 649  
—, —, adrenocorticotrophin in, 306, 521, 522, 642, 648  
—, —, aetiology, 406  
—, —, amidopyrine in, 648  
—, —, anterior pituitary extract in, 523  
—, —, aureomycin in, 198  
—, —, children affected by, 85  
—, —, chronic, subcutaneous nodules of, 87  
—, —, copper salts and gold salts in, 85  
—, —, cortisone acetate in, 407  
—, —, deoxycortone acetate and ascorbic acid in, 522  
—, —, foci of infection in, 407  
—, —, gold salts in, 407
- Arthritis, rheumatoid, granuloma annulare compared with, 299  
—, —, haemagglutination test for, 520  
—, —, hormones in, 522  
—, —, joint function and, 85  
—, —, pituitary implantation in, 649  
—, —, plasma viscosity in, 252  
—, —, post-partum plasma administration in, 648  
—, —, “pregnenolone” in, 519  
—, —, progesterone in, 648  
—, —, serum proteins in, 648  
—, —, steroid compounds in, 520  
—, —, suprarenal cortex, role in, 293  
—, —, synovial fluid biopsy in, 649  
—, —, —, examination and biopsy in, 405  
—, —, therapeutic criteria, 85  
—, —, ventricular function and blood values in, 520  
—, —, x-ray treatment, natural resistance to infection and, 587  
—, vertebral, tomography of, 245  
Arthrography, opaque, of knee-joint, 241  
*Ascaris* cuticle, kinetics of penetration by antihelminthic drugs, 220  
—, *lumbricoides* larvae, immunity of mice infected with, 222  
Ascites, mechanism of, 501  
Aspirin in angina pectoris, 620  
—, vascular diseases, 620  
—, poisoning, 352  
Asthma, adrenocorticotrophin in, 614  
—, bronchial, “aleudrine” test in, 50  
—, —, antihistaminic drugs in, 369, 486  
—, —, electrocardiography, 485  
—, —, “orthoxine” in, 369, 485  
—, —, —, vital capacity during, 260  
—, —, spirographic study, 151  
—, —, succinic acid in, 151, 369  
—, disseminated focal necrosis with eosinophilia and arteritis in, 50  
—, mediastinal displacement in, 614  
—, natural history, 370  
—, specific desensitization in, control examinations, 260  
Astrocytoma, x-ray therapy after aspiration biopsy, 470  
Ataxia, nutritional spinal, cerebellar aspect, 487  
Atelectasis, 629  
Atheroma, pathogenesis, 474  
Atherosclerosis, cholesterol-induced, 163  
—, choline in prevention of, 272  
—, lipid metabolism disturbance, 619  
—, thiouracil producing, 163  
Atom bomb casualties, pathology, 468  
Atomic energy tests, beta-ray burns of hands in, 242  
Atropine, antidiuretic effect, 16  
—, hunger bradycardia and, 377  
—, in study of influence of heart rate on heart output, 618  
Aureomycin, clinical trials, 237, 238  
—, effect on herpes simplex virus in chick embryos, 578  
—, —, pleuropneumonia-like organisms associated with rheumatism, 405  
—, —, *Treponema pallidum*, 303  
—, —, in acute bronchitis of infants, 483  
—, —, *Aerobacter aerogenes* infection, 647

Aureomycin in amoebiasis, 220  
— bacteriaemia, staphylococcal penicillin-resistant, 132  
— brucella infection, 131, 323, 662  
— — in chick embryo, 438  
— colitis, chronic non-specific ulcerative, 288  
— dermatitis herpetiformis, 189  
— exanthematous typhus, 320  
— experimental polyarthritis, 108  
— fibrocystic disease of pancreas with pulmonary involvement, 631  
— gonococcal and non-specific urethritis, 402  
— gonorrhoea, 193, 546  
— granuloma inguinale, 191, 513  
— herpes simplex, 189  
— — zoster, 537  
— influenza, 632  
— Kaposi's varicelliform eruption, 189  
— lymphocytic choriomeningitis, 419  
— lymphoma granuloma venereum, bubonic form, 191  
— pertussis, 19  
— *Plasmodium gallinaceum* infection of chick, 671  
— pneumonia in infants and children, 237  
— primary atypical, 174, 237, 238, 631  
— — — — action on virus of, 657  
— psittacosis infection of chick embryo, 461  
— Q fever, 542  
— rheumatoid arthritis, 198  
— rickettsial diseases, 542  
— Rocky Mountain spotted fever, 97  
— septicaemia due to *Bacteroides fulduliformis*, 324  
— staphylococcal infections, 238  
— syphilis, 303, 400, 401  
— — late cutaneous, 19  
— tick-bite fever, 132  
— tularaemia, 324, 546  
— typhoid fever, 131  
— undulant fever, 439  
— intravenous, 239  
— local, in painful mouth ulcerations, 390  
Autism, early infantile, nosology and psychodynamics of, 207  
Aytvin, biological observations, 461

Bacilli, Gram-negative streptomycin-resistant, 145  
*Bacillus lactic aerogenes*, see *Aerobacter aerogenes*  
— *latensporus*, antibiotics produced by, 18  
Bacitracin aerosol, 350  
— evaluation and effects, 349  
— in pyogenic infections, 188, 297  
— toxic effect on kidneys, 349  
**Bacteria**, 41-4, 144-5  
— amino-acid assimilation by, 41  
— penicillin, toxic effects of, 362  
— streptomycin sensitivity, 21  
Bacteriaemia at onset of diphtheria, 211  
— penicillin-resistant staphylococcal, aureomycin treatment, 132  
**Bacterial infections**, 99-101, 211-13, 321-5, 422-5, 543-7, 659-63

Bacterial infections, recurrent familial, eradication, 563  
Bacteriophage types in penicillin-resistant staphylococcal infection, 253  
*Bacterium coli*, streptomycin-resistant and dependent strains, metabolic properties, 604  
— *tularensis*, effect of streptomycin and streptothricin on, 424  
*Bacteroides*, clinical significance, 425  
BAL in arsenical encephalopathy, 23  
— in metal poisoning, 240, 464  
“ Banocide”, see “ Hetrazan ”  
Banti's disease and related syndrome, 495  
— differential diagnosis and treatment, 633  
— Rh factor and, 289  
Barbiturate narcosis in latent epilepsy, 313  
— poisoning, amphetamine sulphate in, 581  
— sodium succinate in, 581  
Basle pamphlet on Theophrast von Hohenheim and on Paracelsian cosmology, 336\*  
“ Bathers' itch”, schistosomal, 445  
Bazin's disease, calciferol in, 582  
B.C.G. diagnostic test, 325  
— tuberculin, sensitivity tests of, 101  
— B.C.G. - vaccinated subjects and, 225  
— vaccination, after-effects in infants, 337  
— efficacy, 114  
— in adolescents, 3  
— older children, 2  
— negative phase following, 113  
— oral, results on 348 families, 548  
— results of, 326  
— re-vaccination of school children, 2  
Beef-muscle concentrate in pernicious anaemia, 496  
Bejel, syphilis and, 301  
“ Benadryl”, serum-induced myocarditis and, 122  
— sulphamezathine and, in infantile gastro-enteritis, 149  
Benzaldehyde thiocarbamate, see “ TB 1/698 ”  
Benzedrine, see Amphetamine  
Benzene, toxic agranulocytosis due to, 24  
Benzoic acid as thyroxine antagonist, 75  
— effect on blood penicillin levels, and on renal function, 129  
2-Benzyl-4,5-imidazole, see “ Priscol ”  
Beriberi, endemic, enriched rice in control of, 260  
— hydroptic and cardiovascular, 153  
Berylliosis, non-occupational, 452  
Beryllium, cutaneous granuloma after contamination with, 116  
— poisoning, experimental, 464  
— worker, acute pneumonitis in, 6  
Betatron, application in treatment, 138  
Betz, Vladimir Alekseevich, 224\*  
Bile constituents, concentration in gall-bladder, 454  
— flow in primary hepatitis, and in differential diagnosis of jaundice, 180  
— pigments, elimination after transfusion of conserved blood and plasma, 24  
Bilharziasis, see Schistosomiasis

Bilirubin blood level, sodium nicotinate and, 504  
**Biochemistry**, 7-9, 119-20, 230-1, 343-5, 454-7, 567-9  
**Biography, medical**, 112, 224, 336, 448, 560  
Biopsy in tumour diagnosis, 38  
Birth injury, *état marbre* of thalamus following, 203  
— weight, physical development of children and, 365  
Bismuth, gastroduodenal ulcer and, 503  
— oral, in dermatology, 295  
— poisoning, BAL in, 464  
— salicylate and penicillin in experimental syphilis, 645  
— salts, sporadic goitres treated by, 75  
— syphilis treated with, 514  
“ Bistriate ” in dermatology, 295  
Black, William, eighteenth-century medical historian, 572\*  
Blackwater fever, epidemiology in W. Africa (1941-5), 557  
Bladder carcinoma, radiocobalt treatment, 138  
— radium therapy, new technique, 244  
— examination, tomography in, 592  
— function disturbances and emotional stress, 654  
— irradiation injuries, late reactions, 479  
— lesions due to aromatic amines, 116  
— tumours in workers in chemical industry, 6  
— malignancy, urographic assessment, 358  
Bloating, non-gaseous abdominal, hysterical type of, 316  
**Blood**, 250-2  
— adrenocorticotrophic activity, 294  
— alcohol content, post-mortem, medico-legal importance, 26  
— arterial, precooling, effect on acute cooling of hands and feet, 455  
— carbonic anhydrase activity in anaemia, 63  
— — — — relation to zinc content of erythrocytes, 63  
— cells, phase-contrast microscopy, 164  
— — — — see also Erythrocytes, etc.  
— changes in liver cirrhosis, 164  
— circulation, see Circulation  
— clot, formation from purified bovine fibrinogen and thrombin, 568  
— retraction after “ sedormid ” purpura, 497  
— — — — in menstruation, 7  
— coagulation, co-thrombo-plastin assay, 250  
— — — — effect of penicillin on, 130  
— — — — protamine on, 459  
— — — — in hyperglobulinaemia, 624  
— — — — leukaemia and polycythaemia, 360  
— — — — thrombocytopenic purpura, 168  
— — — — post-operative, in congestive heart failure and thrombophlebitis, 251  
— — — — time, effect of streptomycin on, 22  
— diphtheria toxin content, in late diphtheria paralysis, 211  
— **disorders**, 62-6, 164-71, 272-8, 382-7, 495-8, 624-8  
— erythrocyte count, high-altitude flying and, 569  
— flow, adrenaline and its derivatives and, 575  
— — — — arrest in arm, sensation disturbances in hand after, 569  
— — — — cerebral, dihydroergocrine and, 574

Blood flow, coronary, in simulated emotional excitement, 491  
— — — — measurement in man, 157  
— — — — reduction in, electrocardiographic changes, 154  
— — — — to fingers, variations in health and disease, 379  
— — — — peripheral, in chronic lupus erythematosus, 511  
— — — — tetraethylammonium chloride and, 268  
— — — — renal, and glomerular filtration rate in congestive heart failure, 375  
— — — — response to graded partial obstruction of renal vein, 36  
— gas analysis, cardiac and arterial, in cardiac disease, 376  
— glucose level, adrenal cortex secretion and, 8  
— group A, relation to Rh immunization and haemolytic disease of newborn, 384  
— — — — antibody anti-S, haemolytic transfusion reaction due to, 135  
— — — — B factor, brain damage in child after maternal isoimmunization, 484\*  
— — — — immunochemical studies, 567  
— — — — Rh agglutinins, anamnestic reaction with, 241  
— — — — antibodies, clinical significance, 25  
— — — — anti-CW, production by immunization, 64  
— — — — factor, Banti's disease and, 289  
— — — — i s o -immunization against, 241  
— — — — Rh-negative woman already sensitized, intensive immunization of, 167  
— — substances A and B, preparation from human saliva and horse stomach, 567  
— in faeces, occult, tests for, 602  
— iodine, micro-determination, 567  
— penicillin concentration in syphilis, 516  
— — — — level, benzoic acid, and caronamide and, 129  
— — — — plasma, electrophoretic, nitrogen, and lipid analyses, 361\*  
— — — — post-partum, albumin and globulin content and use in rheumatoid arthritis, 648  
— — — — stored, stability of prothrombin and Ac-globulin, 456  
— — — — viscosity in pulmonary tuberculosis and rheumatic diseases, 252  
— — — — rheumatic diseases, 405  
— platelet adhesiveness in thrombo-embolism and haemorrhagic disease, 272  
— — — — changes in thrombo-embolism, 490  
— — — — count in wide-field x-ray therapy, 589  
— — — — thrombosis, generalized, 274  
— — — — preserved, malarial parasites in, 25  
— pressure, arterial, actions of adrenaline and derivatives on, 575  
— — — — deoxycortone acetate and, 83  
— — — — diastolic, transient disturbance in upper limbs, 55  
— — — — in essential hypertension, protein deficiency and, 622  
— — — — menopause, 270  
— — — — physical fitness and, 567  
— — — — portal venous, indirect estimation, 501

## SUBJECT INDEX TO VOLUME 7

- Blood pressure pulmonary capillary venous pulse, 230  
— regulation, dimethyl-tubocurarine and, 15  
— renal venous, increased, 36  
— venous and right auricular, posture in determining, 343  
— serum albumin, crystalline bovine, effect of lithium peritoneal on, 41  
— esterified fatty acid levels of, 230\*  
— iron level of, effect of iron therapy on, 496  
— of horse, massive injections in rabbits, 33  
— proteins in blood dyscrasias, electrophoretic analysis, 62  
— structure and liver function in gout, 52  
— thermolabile component, combination with viruses, 477  
— "sludged", in allergy, 486  
stains in pregnancy, Galli Mainini reaction, 467  
sugar level, pituitary growth hormone and, 119  
— post-mortem, 26  
— relation to antibody response in diabetes, 153  
temperature, arterial, in resting forearm, 456  
thiouracil and thiourea effects, 273  
transfusion, elimination of bilary pigments after transfusion of conserved blood and plasma, 24  
— exchange, after incompatible blood administration, 585  
— in acute catalepsy, 94  
— — — leukaemia, 624  
— — — diseases other than haemolytic disease of newborn, 466  
— — — erythroblastosis foetalis, 47  
— — — haemolytic disease of newborn, 64  
— group O, use of group-specific substances in, 135  
— haemolytic reaction due to antibody anti-S in, 135  
— haemosiderosis aggravated by, 25  
— in nephrogenic hypoproteinæmia, 84  
— prolonged insulin coma, 489  
— shock due to myocardial infarction, 619  
— James Blundell and, 560\*  
— myocardial infarction and, 158  
— placental, 24  
— shock prevention by procaine, 241  
— water exchange after, 466  
vessels, 61, 162-3, 271-2, 622-3  
— reactions in fingers to local cooling, 568  
— upper limb, after sympathectomy, 163  
volume increase in physical training, 455  
— pulse rate and cardiac volume during rest and, 455  
Blundell, James, and blood transfusion in man, 560\*  
Boeck's sarcoid, *see* Sarcoidosis  
Bologna Medical School, historical and biographical notes, 224\*  
Bone changes in erythroblastosis foetalis, 140  
— cryptococcosis involving, 656  
— growth after encephalitis lethargica, 202  
— diathermy and, 241
- Bone lesions in congenital syphilis, 82  
— — — sarcoidosis, 246  
— — — workers in compressed air, 6  
— marrow blood, sternal, in polycythaemia vera, oxygen saturation, 277  
— — — changes after aminopterin, amethopterin, and aminoanfol, 386  
— — — in liver cirrhosis, 164  
— — — in renal disease, 624  
— — — sternal, biopsy in malignant lymphoma, 66  
— — — — in periarteritis nodosa, 61  
— — — tissue mast cells in, 495  
— — — thiouracil and thiourea and, 273  
— metastasis in malignant melanoma, 358  
— radium deposits in, 137  
— tumours of cranial vault, radiological diagnosis, 590  
Borreliidin, enhancement of penicillin activity by, 18  
— experimental trials, 18  
Bradycardia due to starvation, effect of atropine on, 377
- Brain**, 91-3, 200-3, 309-12, 526-8  
— cavum septi pellucidum, clinical picture in dilatation of, 527  
— circulation, *see* Circulation  
— cisternal puncture, mishaps due to, 526  
— cortex in central nervous regulation of cardiovascular function, 9  
— damage after pertussis vaccine prophylaxis, 527  
— disease, organic, psychological problems of children with, 207  
— pneumotherapy in, 535  
— dura mater, nerves of, role in headache, 200  
— glioma, radiotherapy, 588  
— — — at operation for, 471  
— haemorrhage, thrombosis, and embolism, factors affecting prognoses, 527  
— injuries after spontaneous delivery at full term, 257  
— aphasia in left-handed subjects after, 91  
— growth and sexual development and, 526  
— in ancient Egypt, 111  
— test performance in, 532  
— lesion, acute necrotizing haemorrhagic, 92  
— due to intracranial aneurysms, 201  
— electroencephalographic wave patterns and, 409  
— produced by deoxycortone acetate, age factor in, 294  
— neostriatum, paleostriatum, and neighbouring structures, electrical activity in Parkinsonism and hemiballismus, 199  
— olivo-ponto-cerebellar atrophy, 310  
— posterior fossa, meningioma of, 528  
— senile, acid phosphatase in, 309  
— thrombosis and embolism, stellate ganglion block in, 652  
— tuberculoma, tuberculous meningitis and, 329  
— tumours, electroencephalogram in, 199  
— vascular occlusion in, nature of infarcts following, 33  
— weight and changes in schizophrenia, 534
- Breast carcinoma, operation after-effects, radiotherapy in, 589  
— feeding, post-war incidence, 479  
Brödel's ulnar palsy, historical notes, 560\*  
Bromide intoxication, 583  
— — — nicotinamide treatment, 583  
Bronchiectasis in childhood, 367  
— segmental distribution of lesions in, 388  
Bronchiolitis, acute, in infants, aureomycin in, 483  
Bronchography with "ioduron B", 590  
Bronchopneumonia, epidemic, in man and animals, 542  
— tuberculous, in childhood, streptomycin in, 104  
Bronchopulmonary lithiasis, active, 172  
Bronchoscopy in tuberculous children, 150  
Bronchospasm, adrenergic agents in, 279  
— aminophylline in, 279  
Bronchus, adenoma of, 282  
— carcinoma, co-existence with active pulmonary tuberculosis, 175  
— cytological diagnosis, 282, 600, 632  
— — — nitrogen mustard treatment, cytological changes after, 38  
— — — oil particles in lung and development of, 632  
— — — tomographical diagnosis, 139  
— congenital obstruction, 255  
— function, dynamics of, 172  
— indices of elasticity and pulmonary ventilation during attack of bronchial asthma, 151  
— infections, segmental, 389  
— intramural nervous system, changes in pulmonary tuberculosis, 474  
— lavage in pulmonary tuberculosis, 554  
— main, tuberculosis of, 547, 555  
— pneumothorax and, 669  
— — — secretions, cytohistological study, 68  
— — — tumour cells in, 68  
Brucella, effect of aureomycin and streptomycin on, 131  
— — — — and chloramphenicol on, 323  
— killed, effect of ingestion on formation of antibodies, 663
- Brucellosis**, 438-9  
— aureomycin in, 323, 439  
— chloramphenicol in, 323  
— chronic, aureomycin in, 662  
— — — chloramphenicol in, 662  
— experimental, appearances in eye, 475  
— — — polymyxin treatment, 552  
— gold therapy, 439  
— haemorrhagic forms, 438  
— in chick embryo, aureomycin treatment, 438  
Burned buildings, médico-legal examination of bodies recovered from, 27  
Burns, beta-ray, of hands during atomic energy tests, 242  
— cutaneous, due to fluorescent light, 227  
Butterfly wing extract, antibiotic for malaria, 219  
Bynoe, Benjamin, surgeon of H.M.S. *Beagle*, 448
- Calciferol, danger in infants of large doses, 479  
— in erythema induratum, 582
- Calciferol in lupus vulgaris, 288, 511  
— — — psoriasis, 79, 81  
— — — sarcoidosis, 625  
— — — tuberculous conditions of skin, sarcoidosis, granuloma annulare, psoriasis, and lichen planus, 79  
— treated lupus vulgaris, histological changes and non-irradiated ergosterol in, 511  
— treatment, polyneuritis as complication of, 644  
Calcification of aortic valve, clinical and radiological features, 55  
— "egg-shell", in silicosis, 172  
— in bronchi and lungs, 172  
— in intraspinal meningioma, 245  
— premature, of ribs, 306  
Calcinosis after prolonged intake of milk and alkali, 51  
Calcium ascorbate, effect on vascular permeability and vitamin-C metabolism, 232  
— phosphate, adsorbent complex in peptic ulcer therapy, 176  
— succinate in rheumatism, 405  
Calculus formation in lung, 67  
"Camoquin hydrochloride", antimalarial action, 109  
Cancer specialist of 100 years ago, odyssey of an American, 224\*  
**Candida** in sputum from pulmonary tuberculosis, 363  
Canicular fever, differential diagnosis, 417  
— fatal case, 209  
— in Germany, 209  
Capillary fragility during dicumarol therapy, 16  
— effect of epicatechin and ascorbic acid on, 497  
— permeability in allergy, dermofluorimeter in study of, 49  
"Carbitol solvent" and "carbitol", effect on human skin, 186  
Carbohydrate metabolism and gastric secretory activity, 502  
— in relatives of diabetics, 261  
— Wilson's disease, 203  
— physiology and pathology, 359  
— thiopentone anaesthesia and, 121  
— venous catheter technique in study of liver in, 372  
Carbon dioxide snow, contact dermatitis treated by, 78  
— monoxide, endogenous formation in man, 457  
Carbonic anhydrase activity of blood in anaemia, 63  
— — — — relation to zinc content of erythrocytes in normal, anaemic, and other pathological conditions, 63  
Carcinoma, choline therapy, 460  
— cutaneous, of face, history, 224\*  
— gonadotrophin excretion in diagnosis, 249  
— growth, aminopterin and, 248  
— malignancy at different ages, 3  
— mammary, in mouse, isolation of virus, 596  
— metastases, anatomical distribution in rabbit, 597  
— nitrogen mustard analogues in treatment, 577  
— osmotic resistance of erythrocytes from patients with, 249  
— serum polysaccharide level in, 249  
— tissue sensitivity, irradiation-induced mitotic changes and, 28  
— treatment, results of, 564

- Cardiospasm**, 284  
 — effects of drugs on clinical and radiological picture, 178
- Cardiovascular disorders**, 54-61, 154-63, 263-72, 374-81, 490-4, 616-23  
 — due to pulmonary embolism, 374  
 — function, central nervous regulation, role of cerebral cortex in, 9  
 — and work performance, effect of rest in bed, 611  
 — system in toxæmias of pregnancy, 616
- Caries**, dental, dietary control, 149
- Caronamide**, effect on  $\beta$ -amino-salicylic acid excretion, 437  
 — blood penicillin levels and renal function, 129  
 — plasma penicillin concentration, 20
- Carotid sinus pressor response** in hypertension due to compression of renal arteries, 59  
 — syndrome, ocular symptoms in, 380  
 — physiological basis of consciousness and, 527
- Casualties due to disease** in American Army during War of Independence, 672
- Catatonia**, acute, exchange transfusion in, 94  
 — fatal, 535
- Catheterization of coronary sinus** in man, 54
- Cell nucleus** structure in prolonged protein insufficiency, 476
- "Cellothyl"** see Methylcellulose
- Centaur, Chiron the**, 335
- Cerebrospinal fluid**, antibacterial action of streptomycin inhibited by, 21  
 — antibiotics in, 21  
 — diphtheria toxin content in late diphtheria paralysis, 211  
 — during streptomycin treatment of tuberculous meningitis, 432  
 — in herpes zoster, electron microscopic study, 318  
 — syphilis, 303  
 — penicillin levels in, 129, 351
- Cervix uteri**, *see* Uterus, cervix
- Cesalpino's role** in history of medicine, 224\*
- Cestodes**, chloroquine treatment, comparison with other verminifuges, 537\*
- "Chancre"**, evolution of term and relation to history of syphilis, 447
- Cheilitis**, chronic, 190
- Chemical industry**, bladder tumours in workers in, 6
- Chemotherapy**, 16-17 126-7, 234-5, 460-2, 577-8
- Chest tumours**, solitary, differential diagnosis, 139
- Cheyne, George**, 1673-1743, 560\*
- Chickenpox** and herpes zoster, co-existence of, 209
- Chiron the centaur**, 335
- Chloramphenicol**, action on *Brucella*, 323  
 — virus of primary atypical pneumonia, 657  
 — clinical trials, 237  
 — in acute gonorrhoeal urethritis, 402  
 — atypical pneumonia, 282  
 — brucellosis, 323  
 — chronic brucellosis, 662  
 — early syphilis, 514, 646  
 — encephalitic typhoid, 349  
 — enteric fever, 321  
 — experimental rickettsial infection, 420  
 — *fièvre boutonneuse*, 543
- Chloramphenicol** in gonorrhœa, 513, 514  
 — infantile gastro-enteritis, 481  
 — paratyphoid B fever, 661  
 — in infants and young children, 544  
 — pertussis, 661  
 — psittacosis infection of chick embryo, 461  
 — salmonella enteritis, 662  
 — salmonellosis, 131  
 — scrub typhus, 421  
 — tsutsugamushi disease, 320  
 — typhoid fever, 131, 237, 321, 322, 422  
 — and paratyphoid B, 660, 661  
 — carriers, 543, 544, 661  
 — sulphadiazine and, in experimental typhoid, 349
- Chloroquine** diphosphate in malaria splenomegaly, 331  
 — in clonorchiasis, 444  
 — falciplasm malaria, 444  
 — giardiasis, 441  
 — hepatic amoebiasis, 106  
 — malaria, 219, 670
- Chlorvinyl plastics**, hygiene of production of, 453
- Cholecystography**, electrocardiography of patients given "pitressin" for, 158
- Cholera**, "thalamyd" in, 213
- Cholesterol** content of coronary artery and blood in acute coronary artery thrombosis, 619  
 — feeding, atherosclerosis produced by, 163
- Choline deficiency**, renal lesions due to, 596  
 — effect on changes in liver and body fluids during protein depletion, 289  
 — prevention of experimental atherosclerosis and, 272  
 — of liver damage due to alcohol or sugar, 595  
 — therapy of carcinoma, 460  
 — of fatty infiltration of liver, 394  
 — ichthyosis, 644
- Cholinergic compounds**, interrelationship of, 460
- Cholinesterase inhibition** and plasma neostigmine levels in dogs and myasthenic patients, 11
- Choriomeningitis**, acute lymphocytic, 651  
 — lymphocytic, aureomycin in, 419
- Circulation**, cerebral, bilateral stellate ganglion block and, 160  
 — effect of posture on, 653
- disorders**, 59-61, 160-1, 267-9, 379-80, 493-4, 620-2  
 — dihydroergocornine and, 268  
 — noradrenaline and, 460  
 — in pulmonary anaæmia, 174  
 — tuberculosis, 555
- peripheral**, in convulsion therapy, 317  
 — local short-wave diathermy and, 354  
 — pentamethonium iodide and, 272  
 — "priscol" and, 13  
 — pulmonary capillary venous pulse pressure, 230  
 — in health and left ventricular failure, 263  
 — regional, radioactive sodium in measurement of, 267  
 — renal, 517  
 — neurovascular control of, 517  
 — times in congenital heart disease, 59  
 — lobeline determination, 616  
 — x rays and, 468
- Circulatory system**, 455-6
- Circumcision** and venereal disease, 300
- Citric acid content** of blood in Addison's disease, 76
- Clifton, Francis**, eighteenth-century medical historian, 672\*
- "Cliradon"**, clinical trials and pharmacological properties, 571
- Clonorchiasis**, chloroquine in, 444
- Clostridium welchii** collagenase, effect of alkaline pH and heat on, 144
- Coal-tar foodstuff dyes**, carcinogenic effects, 449
- Cobalt**, anti-anaemic action, 625  
 — erythro poietic effect in health and anaæmia, 348  
 — radioactive, in malignant visceral tumour, 138
- Cocaine**, anoxic vasoconstriction and, 574
- Cocarboxylase** in diabetic coma, 371
- Coccidioidomycosis**, disseminated, and lymphohaemogenous tuberculosis, 109  
 — coexistence with tuberculosis, 417  
 — persistence of residual pulmonary lesions of, 172
- Codine poisoning**, facial oedema in, 134
- Coeliac disease**, 610  
 — fat absorption in, 610  
 — megaloblastic anaæmia in, treatment, 275  
 — principal features, 502  
 — syndrome, development of, 47  
 — dietary starch and fat absorption in, 47  
 — hypothyroidism in development, 47
- Coke fires**, pneumoconiosis from dust of, 566
- Colchicine**, effect on *Plasmodium vivax*, 443  
 — treatment of progressive muscular atrophy, 412
- Cold**, common, *see* Common cold
- Colitis**, segmental, rheumatic fever and, 334
- ulcerative**, chronic, aureomycin in, 288  
 — — — — — carcinoma and, 393  
 — — — — — idiopathic, hyperalimentation in, 288  
 — — — — — nitrogen metabolism in, 288  
 — — — — — idiopathic, early radiological changes, 140  
 — — — — — in children, 607  
 — — — — — pathogenesis, 474
- Collagenase** of *C. welchii*, effect of alkaline pH and heat on, 144
- Collins, Sir William**, surgeon and statesman, 560\*
- Colloidal red test** as index of liver function, 39
- Colon**, diverticulitis of, 30  
 — function, methylcellulose and, 393
- Colostrum**, immunology of, 44
- Coma**, diabetic, cocarboxylase in, 371
- Common cold**,  $\gamma$  globulin in, 210  
 — histamine antagonists in, 539  
 — "neohetramine" in, 658  
 — phenindamine in, 539
- "Compound E"**, *see* Cortisone acetate
- Conessine** in acute amoebiasis, 106, 107
- Congenital anomalies**, recurrence in siblings, 118
- Conglutination phenomenon**, choice of complement for, 478
- Congress**, carotid sinus syndrome and physiological basis of, 527
- Consciousness**, electric convolution therapy and, 536
- Constipation**, sodium carboxymethylcellulose in, 394
- Contagious diseases**, specific therapy and, 338
- "Conteben"**, *see* TB I/698
- Contrast media**, hyaluronidase to accelerate spread and absorption, 29
- Convulsions**, drugs for, 10  
 — electrically induced, electroencephalogram in, 525  
 — induced, decamethonium iodide and, 11  
 — in infancy, 256
- Copper** and copper-arsenic poisoning, BAL treatment, 240  
 — salts in disseminated sclerosis, 90  
 — — — — — rheumatoid arthritis, 85
- Coproporphyrin** in infective hepatitis, infectious mononucleosis, and mechanical jaundice, 39  
 — in normal urine, 152  
 — urinary, relation of haemoglobin and of bacterial metabolism in intestinal tract to, 152
- Coproporphyrinuria**, idiopathic, 152
- Cor pulmonale**, chronic, neurological effects of oxygen in, 491  
 — — — in silicosis, 264  
 — — — — — subacute, pathology in diffuse carcinomatosis of lungs, 142
- Coramine**, *see* Nikethamide
- Coronary artery occlusion**, loss of myocardial contractility after, 378
- disease**, 378-9  
 — — — — — clinical and epidemiological study, 450  
 — — — — — exercise test in diagnosis, 36
- occlusion**, 56, 619-20  
 — — — — — chronic rheumatic heart disease and, 619  
 — — — — — sinus catheterization in man, 54  
 — — — — — thrombosis, heparin in Pitkin menstruum in, 56  
 — — — — — infarction of interventricular septum and right ventricle, electrocardiographic and pathological findings, 56
- Corticoids**, salt-active, in pathogenesis of hypertension, 60
- Cortisone acetate** in hypertension, Addison's disease, and diabetes mellitus, 135  
 — — — — — rheumatic fever, acute phase of, 110  
 — — — — — rheumatoid arthritis, 407  
 — — — — — and production of granulation tissue in rabbits, 643  
 — — — — — review of clinical effects, 523  
 — — — — — in rheumatoid arthritis, 523
- Corynebacterium diphtheriae**, cultural toxicity and virulence, 212  
 — — — — — growth, pancreatic extract stimulating, 254
- endocarditis** isolated from "abacterial" endocarditis, 144
- Cosmic radiation**, influence on experimental tuberculosis, 34
- Co-thromboplastin assay** in study of blood coagulation abnormalities, 240
- Cotton fibres**, pulmonary artery reactions to emboli of, 476
- Coxackie viruses**, differentiation of strains, 658
- Cramp due to heat**, 485  
 — — — — — prolapsed intervertebral disk, 409
- Cretinism**, electrocardiogram in, 264

## SUBJECT INDEX TO VOLUME 7

- Crohn's disease, streptomycin in,** 393  
**Cross-infection, incidence in children's wards,** 365  
**"Cryogenine", antipyretic action,** 570  
**Cryotherapy in contact dermatitis,** 78  
**Cryptococcosis, bone involvement in,** 656  
**—, cutaneous,** 296  
**"Crystecillin", aqueous injection,** 351  
**Cuming, Ralph, and intercapulotrochitic amputation,** 560\*  
**"Cupralene" in rheumatoid arthritis,** 85  
**Curare, action on central nervous system,** 458  
**— and exercise in anterior poliomyelitis,** 210  
**—, effect on electroencephalogram of rabbit,** 570  
**— treatment of muscle spasm in rheumatic disorders,** 405  
**— — phlebitis,** 490  
**Cushing's disease, see Pituitary basophilism**  
**Cyanosis, chronic, in atrial septal defect,** 492  
**Cyclopropane anaesthesia, arrhythmia during,** 15  
**Cytology,** 342

"Dacorene", cardiotoxic properties of "2489 F" inhibited by, 352  
**Darier's disease, liver function in,** 80  
**"Darvisul", see Phenosulfazole**  
**Davel on the *noli-me-tangere*,** 224\*  
**Davis, David, and history of obstetric forceps,** 672  
**Daylight, experimental tuberculosis and,** 34  
**DDT dusting, domestic rats and,** 29  
**—, residual insecticide against *Anopheles gambiae*,** 586  
**— spray in controlling filariasis,** 135, 136  
**— — flies,** 115  
**— in sandfly eradication,** 337  
**Deaf-mutism, genetic investigation,** 118  
**Deafness in children, heredity and rubella in,** 255  
**Death, ether sign of,** 27  
**— in infancy, unexpected,** 46  
**Decamethonium iodide, effect on respiration and induced convulsions,** 11  
**Decamethylene - 1 : 10 - bis - trimethylammonium bromide, curariform action,** 458  
**Dehydration of infants, hyaluronidase with subcutaneous fluid infusion in,** 366  
**11-Dehydro-17-hydroxy-corticosterone acetate, see Compound E**  
**Dehydroergotamine methanesulphonate for herpes zoster pain,** 657  
**Delinquency, juvenile, intelligence and,** 26  
**Dentists, allergic contact dermatitis in,** 26  
**Deoxycortone acetate, articular lesions produced by,** 293  
**—, ascorbic acid and, in rheumatoid arthritis,** 522  
**—, brain lesions produced by,** 294  
**—, effect on blood pressure and nephrosclerosis,** 83  
**— —, experimental hypertension,** 620  
**— — production of vascular lesions,** 60  
**— — sodium, potassium, and water excretion in dog,** 290

**Deoxycortone acetate in Addison's disease,** 119, 643  
**— — *Amanita phalloides* poisoning,** 23  
**— — infective hepatitis,** 658  
**— —, pitressin and, antagonistic actions,** 290  
**— — sodium chloride effect on action of,** 183  
**— — — and, in postural hypotension and orthostatic anaemia,** 76  
**— —, vascular diseases due to,** 359  
**Dermatitis, contact, cryotherapy,** 78  
**— —, liver function in,** 295  
**— —, procaine causing,** 296  
**herpetiformis, aureomycin in,** 189  
**— —, chronic eczema as variant of,** 398  
**"pyribenzamine" and "antistin" as causes of,** 644  
**— —, suboccipital,** 398  
**Dermatology,** 78-81, 186-90, 295-9, 398-9, 509-12, 644  
**Dermatomyositis, biochemical changes in sweat in,** 79  
**—, ethyl mercury phosphate in,** 78  
**Dermatomyositis, forms of,** 186  
**Dermatosis in old age,** 509  
**Dermis, fibrous changes in, in senile elastosis,** 299  
**Dermofluorometer in study of capillary permeability in allergy,** 49  
**Dermis, in senile elastosis,** 299  
**Dermofluorometer in capillary permeability in allergy,** 49  
**Desoxycorticosterone, see Deoxycortone acetate**  
**Dextrose, see Glucose**  
**Diabetes,** 52-3, 261-2, 371-3, 612-14.  
**—, acidosis and ketosis, electrolyte balance in,** 613  
**— —, serum potassium in,** 262  
**— "antabus" in,** 463  
**— contraindicated in,** 655  
**— antibody response in,** 153  
**— coma, cocarboxylase in,** 371  
**— in children,** 257, 610  
**— glomerulosclerosis in,** 613  
**— insipidus, pituitary implantation in,** 291  
**— —, pitriduron and polyvinyl-pyrrolidone in,** 185  
**— latent, in relatives of diabetics,** 261  
**— mellitus, achlorhydria in,** 371  
**— — and Addison's disease,** 76  
**— — compound E in,** 135  
**— — external ocular muscular palsies in,** 53  
**— —, glucose tolerance tests in,** 74  
**— — in children,** 489  
**— — U.S. army, 1941-4,** 489  
**— —, intercapillary glomerulosclerosis in,** 153  
**— — Kaposi's disease with,** 644  
**— — renal lesions in,** 403  
**— — "undulating",** 261  
**— —, vitamin E in,** 489  
**— — staphylocitin immunity in, effect of specific anatoxin on,** 44  
**— —, vitamin B in,** 473  
**4,4'-Diaminodiphenyl sulphone in lepromatous leprosy,** 659  
**Diaminopterin, synthetic, anti-malarial activity,** 670  
**"Diaparene" in skin treatment in incontinence,** 398  
**Diarrhoea, infantile, "formociba-zol" in,** 255  
**— —, with vomiting, streptomycin in,** 256  
**— pathogenicity of organisms in, measurement of,** 565

**Diathermy, short-wave local, effect on peripheral circulation and tissue temperature,** 354  
**— — and micro-wave, bone growth in rat and,** 241  
**— treatment, agranulocytosis during,** 582  
**Diazomethane poisoning,** 582  
**"Dibenamide", sympatholytic effect,** 268  
**"Dibenamine", effects on mammalian heart,** 572  
**— psychosis,** 315  
**Dibromosalicil, bacteriostatic effect,** 234  
**— trial in animals,** 127  
**— —, wounds treated with,** 234  
**"Dibutoline", ganglionic blocking action,** 12  
**Dietyl phosphate in aneurysm of thoracic and abdominal aorta,** 272  
**Dichloroquininaline, topical, in dermatoses,** 398  
**Dicoumarol in congestive heart failure,** 347  
**— therapy,** 584  
**— —, capillary fragility and,** 16  
**— —, control of,** 476  
**"Dicuprene" in rheumatoid arthritis,** 85  
**Dienoestrol, clinical evaluation,** 291  
**Diet in dental caries,** 149  
**— — experimental uraemia,** 195  
**Dietetics in sixteenth and seventeenth centuries,** 559\*  
**Diethylaminoethanol, haemodynamic properties,** 125  
**Diethylaminoethyl-N-thiodiphenylamine hydrochloride, see "Diparcol"**  
**Diethyl *p*-nitrophenylthiophosphate, see "Parathion"**  
**Diethylstilboestrol in mumps orchitis,** 318  
**Digestive disorders,** 69-73, 176-81, 283-9, 390-5, 502-4, 633-9  
**Digital glucosides, vagus effect of,** 346  
**Digitoxin, renal excretion,** 572  
**Digoxin in left ventricular failure,** 458  
**— — study of influence of heart rate on heart output,** 618  
**Dihydroergocorinine, adrenolytic action,** 15  
**— circulation and,** 268  
**— development of tolerance,** 60  
**— haemodynamic effects in man,** 493  
**— in arrhythmia during cyclopropane anaesthesia,** 15  
**— essential hypertension,** 161  
**— intramuscular, cerebral circulation and,** 574  
**— renal haemodynamic effects,** 574  
**Dihydroergotamine in arrhythmia during cyclopropane anaesthesia,** 15  
**— normal subjects,** 573  
**Dihydrostreptomycin inhibitors,** 461  
**— in gonorrhoea,** 646  
**— — tuberculosis,** 664  
**— toxic effects,** 578  
**Dihydroxyphenylbenzyl trimethylammonium dimethylcarbamate, pharmacology,** 124  
**Diisopropyl fluorophosphonate, pharmacological activity,** 121  
**— — pharmacology,** 13  
**"Dilavase", pharmacology,** 575  
***p*-Dimethylaminoazobenzene and production of pancreatic tumours in rats,** 248  
**N-(2-Dimethylamino-n-propyl)phenothiazine hydrochloride, see "Phenergan"**

- Eczema, chronic, dermatitis herpetiformis and, 398  
—, liver function in, 295  
Edinburgh, barber surgeons of, 560\*
- Elastosis, senile, fibrous changes in dermis, 299
- Electric shock therapy, *see* Shock therapy
- Electrocardiogram changes after alcohol ingestion, 463  
— in anthrasilicosis, 389  
— arterial orthostatic anaemia, 160  
— bronchial asthma, 485  
— cretinism, 264  
— hypertension, 381  
— pneumothorax, 151  
— intracavitory, potential variations in right-sided, 154  
— intravenous tetraethylammonium chloride effect, 154  
— precordial T wave in infants and children, 263  
— Q-T interval in pregnancy, 155  
— reduction in coronary flow and, 154  
— voluntary movement and, 524
- Electrocardiograph, semi-direct leads of, 154
- Electrocardiography**, 154-5  
— low voltage in, cause and effects, 263
- Electrocorticography, technique, 524
- Electroencephalogram, bilateral prefrontal leucotomy and, 410  
— brain lesions and, 409  
— curare and, 570  
— in electric convulsions, 525  
— epilepsy, 524  
— "mesantoin" administration and, 410  
— occipital leucotomy and, 410  
— patterns, inheritance in children with behaviour disorders, 88  
— wave and spike complex in, 411
- Electroencephalography**, 409-11  
—, 524-5  
— hearing loss and, 199  
— in cerebral glioma, 199  
— — tumours, 199  
— spinal-cord disease, 410  
— independent ear electrodes in, 200  
— to locate focus of epileptic discharge in Sturge-Weber syndrome, 650
- Electrogastrography in gastric carcinoma, 391
- Electrokymography, measurement of heart output by, 137
- Electrolyte partition in oedema, 33
- Electromyogram, interpretation of, 408
- Electromyography in lower motor neurone disease, 408  
— muscular dystrophies, 89
- Electrothalamogram before thalamotomy in schizophrenia and epilepsy, 88  
"Eleudron", *see* TB I/698 E
- Embolism, atheromatous, case reports, 598
- cerebral, factors affecting prognosis, 527  
— stellate ganglion block in, 652  
— peripheral arterial, heparin-papaverine in, 623  
— pulmonary, acute coronary insufficiency due to, 374
- Embolus of cotton fibres, pulmonary arteries in, 476
- Emotional stress, bladder function disturbances and, 654
- Emotions, effect on allergic states, 614, 615
- Emphysema, acute mediastinal and subcutaneous, 68  
— chronic pulmonary, 122 cases, 173  
— circulation time and peripheral venous pressure in, 499  
— obstructive, 427  
— pulmonary, respiration and circulation in, 174  
— reserve air as aid in diagnosis, 631  
— respiratory response to carbon dioxide and anoxia in, 629
- Empyema, tuberculous, 329  
— streptomycin and aspiration in, 551  
—, TB I/698 therapy, 549
- Encephalitis after measles, 528  
— atypical, with glial node formation, 311  
— complicating scarlet fever, 99  
— in subacute bacterial endocarditis, 202  
— lethargica, retarded growth of limbs after, 202  
— post-vaccinal, smallpox vaccination after previous, 563  
— rheumatic, 311  
— Russian Far Eastern, 248  
— subacute inclusion (Dawson type), 311  
— toxic streptomycin causing, 348  
— unrecognized psychotic states after, 415  
— Western equine and St. Louis, diagnosis, 145
- Encephalomyelitis, allergic, prevention in guinea-pigs, 93  
— production in guinea-pigs, 93  
— disseminated, murine virus causing, 477  
— injection of homologous brain suspensions causing, 93  
— virus, equine, local antigenic booster and active cerebral immunity, 45  
— multiplication rate and active cerebral immunity, 44  
— Mengo, cultivation, 658
- Encephalopathy, test performance in, 532
- Endocarditis**, 159-60  
—, "abacterial", hitherto undescribed micro-organism in, 144  
—, bacterial, in patients over 45 years, 264  
—, pericarditis in, 156  
—, rheumatic and septic, 159  
—, streptococcal, penicillin in, 618  
—, subacute abacterial, serological findings in, 160  
—, bacterial, 159  
—, —, encephalitis in, 202  
—, —, healed, a new entity, 264  
—, —, penicillin in, 129, 376, 491  
—, —, — and "supravalvular" in, 159  
—, —, — treated, morbid anatomy, 159  
—, —, —, serological classification of *Streptococcus viridans* from, 254  
—, —, streptomycin in, 235
- Endocrine disorders**, 74-7, 182-5, 290-4, 396-7, 505-8, 640-3  
—, blood formation and, 164  
— factors in hypertension, 381
- Endocrinology, Thomas Addison, pioneer of, 336\*
- Endophlebitis hepatica obliterans, 36
- Entamoeba, effect of "Win 1011" and "Win 246" on, 440
- histolytica cysts, ozone water and, 439
- Enteric, *see* Typhoid
- Enteritis, *Salmonella*, chloramphenicol in, 662  
—, *Shigella*, streptomycin in, 423
- Enterocolitis, streptomycin in, 551
- Enterogastrone concentrates, human gastric secretion and, 69
- , peptic ulcer and, 70
- Enzyme inhibitors, proteolytic, in blood, 475
- Eosinophil response to sensitization, anaphylaxis, and anti-histaminic drugs, 151
- Eosinophilia, tropical, adrenocorticotrophin and, 642
- Ephedrine in bronchospasm, 279  
— vasoconstriction, 574
- Epicatechin and ascorbic acid, capillary fragility and, 497
- Epidemiology**, 339-40, 450-1, 565-6
- Epidermolyticus verruciformis, generalized verrucosis and, 298
- Epilepsy as sequel of recurrent malaria, 529
- electrical activity of subcortical areas in, 524
- , Russian Far Eastern, 248
- , subacute inclusion (Dawson type), 311
- , toxic streptomycin causing, 348
- , unrecognized psychotic states after, 415
- , Western equine and St. Louis, diagnosis, 145
- Encephalomyelitis, allergic, prevention in guinea-pigs, 93  
—, production in guinea-pigs, 93  
—, disseminated, murine virus causing, 477  
—, injection of homologous brain suspensions causing, 93  
— virus, equine, local antigenic booster and active cerebral immunity, 45  
—, multiplication rate and active cerebral immunity, 44  
— Mengo, cultivation, 658
- Encephalopathy, test performance in, 532
- Endocarditis**, 159-60  
—, "abacterial", hitherto undescribed micro-organism in, 144  
—, bacterial, in patients over 45 years, 264  
—, pericarditis in, 156  
—, rheumatic and septic, 159  
—, streptococcal, penicillin in, 618  
—, subacute abacterial, serological findings in, 160  
—, bacterial, 159  
—, —, encephalitis in, 202  
—, —, healed, a new entity, 264  
—, —, penicillin in, 129, 376, 491  
—, —, — and "supravalvular" in, 159  
—, —, — treated, morbid anatomy, 159  
—, —, —, serological classification of *Streptococcus viridans* from, 254  
—, —, streptomycin in, 235
- Endocrine disorders**, 74-7, 182-5, 290-4, 396-7, 505-8, 640-3  
—, blood formation and, 164  
— factors in hypertension, 381
- Endocrinology, Thomas Addison, pioneer of, 336\*
- Endophlebitis hepatica obliterans, 36
- Entamoeba, effect of "Win 1011" and "Win 246" on, 440
- histolytica cysts, ozone water and, 439
- Ethylene dicoumarin in disseminated sclerosis, 89
- Enteric, *see* Typhoid
- Excitement states, nikethamide and electric shock therapy in, 208
- Exercise and cure in anterior poliomyelitis, 210
- , auricular fibrillation and, 57
- in combined degeneration of spinal cord in pernicious anaemia, 412
- diagnosis of coronary insufficiency, 56
- tolerance in anxiety and relaxation, 533
- Extrasystole, systematic physical and psychiatric examination in, 533
- Face, keratosis pilaris rubra atrophicans of, 190
- Factor V, plasma levels in parenchymatosus hepatitis and obstructive jaundice, 252
- Faeces in chronic relapsing pancreatitis, 71
- , occult blood in, tests for, 602
- Family Service Units for "problem families", 564
- Fasciola hepatica*, familial epidemic due to, 110
- Fat absorption in coeliac disease, 610
- , dietary starch and, in coeliac syndrome, 47
- , dietary, importance of, 343
- , —, in aetiology of sprue, 633
- emulsion, intravenous feeding, 568
- metabolism and sprue syndrome, 370
- Fatigue, disease and, 485
- Felty's syndrome, 306
- Fever, *see also* Pyrexia
- therapy in gonococcal arthritis, 85
- Fibrillation, *see* Arrhythmia
- Fibroblast division, urethane and, 35
- Fibrosis, pulmonary, in scleroderma, 399
- Fibrositis, fibro-fatty tissue and, 198
- Fièvre boutonneuse*, chloramphenicol in, 543
- Filariasis control by DDT, 135, 136
- , "tetrazan" in, 222, 333, 446
- Fingerprint photography, mercury poisoning from, 467
- Fleming, David, and ligation of carotid artery, 336\*
- Flight, Arctic, long-range, physiological responses, 345
- Flocculation tests in liver disease, 179
- Fluid, body, during protein depletion, choline and, 289
- , extracellular, in obesity, 260
- , —, in thyrotoxicosis, 396
- Fluorescent light, burns due to, 227
- Fluorine poisoning, dental opacities and, 176
- Fly control by DDT spray, 115
- Flying, high-altitude, erythrocyte count in, 569
- , —, haemotoxic role of oxygen, 569
- Foetus, irradiation injury, 243
- Folic acid antagonists and liver extract in pernicious anaemia, 275
- , —, in acute leukaemia, 382
- , —, —, prolonged administration of, 169
- , —, review, 164
- , —, in megaloblastic anaemia, 275
- , —, —, pernicious anaemia, 383
- , —, respiratory and nitrogen metabolism and, 576
- , —, in sarcoma, 577

## SUBJECT INDEX TO VOLUME 7

Folk medicine, practitioners of, 560\*  
Food consumption in U.S. army camps, 7  
— of soldiers in subarctic climate, 8  
— in sixteenth and seventeenth centuries, 559\*  
— intake during rest, industrial efficiency and, 566  
— proteins, processing and cooking effects, 568  
Footwear manufacture, primary irritants and sensitizers used in, 510  
Forceps, obstetric, David Davis and history of, 672  
“Formocibazol” in infantile diarrhoea, 255  
“Fouadin”, see Stibophen  
Freckles, permanent removal of, 509  
Friedreich's ataxia, psychiatric changes and, 315  
Fungus poisoning, see *Amanita phalloides*

Galen as a modern, 336  
Gall-bladder, biliary constituents in, 454  
Galli Mainini reaction for blood stains from pregnancy, 467  
Gallop rhythm, see Arrhythmia  
“Gammexane” in control of *Anopheles gambiae*, 586  
“Gantrisan”, clinical evaluation, 17  
Gas gangrene, penicillin and streptomycin in, 253  
Gastric, see also Stomach  
— acidity, peptic ulcer and, 286  
— study by direct estimation of pH, 635  
— juice in sprue, 178  
— secretion and subsequent dyspepsia, follow-up study, 503  
— carbohydrate metabolism and, 502  
— enterogastrone concentrates and, 60  
— histamines and anti-histamines, effect of, 177  
— mecholyl in beeswax and, 285  
— and motility, tetraethylammonium bromide and, 391  
— nocturnal, in benign gastric ulcer, 71  
— thiouracil and, 182  
Gastritis, chronic, gastric secretion in, 284  
— “phenergan” in, 177  
— prepyloric local, 591  
Gastro-enteritis, infantile, “benadryl” and sulphamezathine in, 149  
— chloramphenicol in, 481  
— clinical and bacteriological investigation, 46  
—, *Staph. pyogenes* and, 481  
— streptomycin in, 256  
Genetics, 118  
Genital glands, 76-7, 184-5  
Genito-urinary disorders, 83-4, 195-7, 304-5, 403-4, 517, 647  
Germitrine and germitridine, hypotensive action, 573  
Giardiasis, “nivaquine” in, 441  
von Gierke's disease, muscle biopsy in, 370  
de Gimbernat, Antonio, 1734-1816, 224\*  
Gingivo-stomatitis outbreak in Australian troops in Japan, 3  
Glioma, cerebral, electroencephalographic findings in, 199  
—, radiotherapy, 588  
—, at operation, 471  
 $\gamma$ -Globulin in common cold, 210

Ac-Globulin stability in stored human plasma, 456  
Glomerulonephritis, see Nephritis, glomerular  
Glomerulosclerosis, diabetic, 613  
—, intercapillary, in diabetes mellitus, 153  
Glossitis and steatorrhoea after ileocolostomy, treatment, 288  
— in Addisonian pernicious anaemia, vitamin B complex in, 276  
—, nutritional, animal protein factor and, 166  
Glucose, blood level, effect on adrenal cortex secretion, 8  
—, intestinal absorption, in diagnosis of portal vein obstruction, 390  
—, intravenous, effect on beta cells of islets of Langerhans, 359  
—, cardiac output and, 156  
— tolerance in peptic ulcer, 176  
— test, diagnostic value, 74  
— in liver cirrhosis, 69  
Glycosuria, non-diabetic, in chronic schizophrenia, 316  
Goitre in African history, 111  
—, sporadic, bismuth salt in, 75  
Gold poisoning, BAL in, 464  
— therapy in rheumatoid arthritis, 407  
—, —, comparison with copper salts, 83  
— undulant fever, 439  
Gonadotrophin excretion, carcinoma diagnosis by, 249  
— in anterior pituitary, cytological demonstration, 291  
— response, hyper- and hypothyroidism and, 75  
Gonococcus, cross-absorption experiments and factor serum determinations, 194  
—, thermostability, 194  
**Gonorrhoea**, 193-4, 646  
—, aureoycin in, 193, 646  
—, chloramphenicol in, 513, 514  
—, dihydrostreptomycin in, 646  
—, penicillin in, local submucous injection, 646  
—, —, oral, 646  
—, —, prophylaxis by, 193, 300  
—, sulphonethiazole in, 82  
Göthlin test during dicumarol therapy, 16  
Gout, adrenocorticotrophin in, 306, 642  
—, heredity, hyperuricaemia and, 371  
—, 17-ketosteroid output in, 52  
—, liver function and serum protein structure in, 52  
—, uric metabolism in, 488  
Granuloma annulare, calciferol in, 79  
—, rheumatoid arthritis and, comparative histology, 299  
—, cutaneous, beryllium causing, 116  
—, eosinophilic, of skin, 644  
—, gastric submucosal, 37  
—, inguinale, aureoycin in, 191, 513  
Granulomatosis, pulmonary, chronic, 340  
Graphite workers, pneumoconiosis in, 453  
Grass-pollen extract, specificity of blocking antibody induced by, 151  
Grima, Michel'Angelo, Maltese surgeon of eighteenth century, 112\*

Growth disturbances after brain injury, 526  
— in rats, xanthopterin and, 66  
Guaiacum, the holy wood from the New World, 224\*

Gynaecomastia in paraplegia, 77  
—, liver disease and, 638  
“Gynergen”, see Ergotamine tartrate

Haemagglutination inhibition by thermolabile component of serum, 477  
— test for rheumatoid arthritis, 520  
Haemangioma of cranial vault, 590  
Haematemesis in chronic peptic ulcer, 70  
Haematoma, subdural, in infants, 609  
Haematoses, endocrine disorders and, 164  
—, oestrogens and, 277  
—, xanthopterin and, 66  
**Haematopoietic system**, 66, 170-1, 277-8, 384-7  
— in typhus, 321  
Haemoglobin concentration and physical fitness, 567  
— value during rest and exercise, 455  
— in African children, 496  
Haemoglobinuria, nocturnal, case report, 167  
—, —, clinical, serological, and therapeutic study, 384  
—, —, haemolysis in, 628  
—, —, histological study, 168  
—, —, paroxysmal (cold), haemolysis in, 167  
Haemolysin in acquired haemolytic anaemia, 276  
— blood incubated at 37° C., 167  
Haemolysis in paroxysmal (cold) haemoglobinuria, 167  
Haemolytic disease, congenital, due to A-O isoimmunization, 47  
—, —, blood group A and Rh immunization and, 384  
—, —, exchange transfusion treatment, 64  
Haemophilia, prothrombin consumption in diagnosis of, 382  
Haemorrhage, cerebral, factors affecting prognosis, 527  
**Haemorrhagic diseases**, 168, 497-8  
—, ulcerative, 425  
— fever in Bukovina, 259  
Haemosiderosis, blood transfusion and, 25  
Hair growth, sex hormones and, 76  
—, human, phase-contrast microscopy of, 360  
— waving by cold-wave process, clinical appraisal, 186  
—, —, health and, 462  
—, —, optic neuritis from, 462  
Hale-White, Sir William, 560\*  
Hallervorden-Spatz disease, 311  
Hallucinations, auditory, in schizophrenia, 94  
Handkerchief in transfer of respiratory infection, 67  
Harvey's role in history of medicine, 224\*

Hay-fever, alcohol injection in, 49  
Head injury, medico-legal problems of, 467  
Headache, adrenaline in, 526  
—, forms of, 307  
—, frontal, due to aneurysm of intracranial carotid artery, 653  
—, histamine in, 200  
— in essential hypertension, 269  
—, nerves of dura mater in, 200  
—, vasomotor, dihydroergotamine in, 620\*

Hearing loss, electroencephalographic diagnosis, 199  
— of air pilots, 569

**Heart**, 54-6, 136-8, 264-7, 373-8, 490-3  
—, ankylosing spondylitis and, 156  
—, atrium, septal defect, chronic cyanosis in, 492  
—, —, —, dynamics of experimental, 119  
—, —, volume elastic properties, 119  
— block, complete, 58  
—, bundle branch block, right, and cardiac infarction, 56  
— catheterization in congenital heart disease, 378  
— changes in tuberculous children, 247  
—, **congenital affections**, 58-9, 492-3  
—, —, catheterization in suspected, 378  
—, —, circulation times in, 59  
—, —, genetics and environment in, 492  
—, —, pulmonary stenosis with closed ventricular septum, 493  
—, —, —, Potts and Blalock techniques, 58  
— disease, blood-gas analysis in, 376  
—, —, hypertensive and ischaemic, 266  
— in pregnancy, 617  
—, —, plasma tocopherol levels in, 157  
—, —, rheumatic, coronary occlusion and myocardial infarction associated with, 619  
— enlargement, apparent, in funnel-shaped thorax, 245  
— failure, congestive, adaptation of body to, 265  
—, —, definition of cations and anions in, 33  
—, —, dicumarol in, 347  
—, —, effect of exercise and hypoxaemia in, 375  
—, —, mercurial diuretics and, 617  
—, —, post-operative blood coagulation in, 251  
—, —, salt restriction in, 54  
—, —, theophylline ethylene diamine in, 617  
—, —, “thiomerin” in, 233  
—, —, left ventricular, digoxin in, 458  
—, —, —, pulmonary circulation in, 263  
—, —, reversible, auricular fibrillation causing, 377\*  
— injury in experimental hypothermia, 611  
—, —, —, aberrant insertion of pulmonary veins in, 356  
—, —, —, interventricular septum, infarction of, 267  
—, —, left auricle, massive dilatation of, 55  
—, —, ventricle, efficiency in man, 157  
— lesions in acute rheumatism, experimental induction, 223  
—, —, mitral stenosis, dicumarol in repeated embolism in, 158\*  
—, —, Lambi's excrescences and, 157  
— murmurs due to variations in first apical sound, 490  
—, —, in cardiac aneurysm, 376  
—, —, coarctation of aorta, 162  
—, old age and, 375  
— output, adrenaline and, 575  
—, —, electro kymographic measurement, 137  
—, —, hypertonic glucose solution to increase, 54, 156  
—, —, in auricular fibrillation, 57  
—, —, sodium thiocyanate and, 156

- Heart pain, triple rhythm in, 378  
— reserve power of, 379  
— ventricular septal defect, 492  
— volume, relation to pulse rate and blood volume in exercise, 455  
— x rays and, 468
- Heat loss in extremities, pre-cooling arterial blood and, 455  
— maintenance function of descending nerve fibres, 454  
— nutritional value of food proteins and, 568  
— therapy, intra-articular temperature and, 466
- Heberden's nodes, menopause and, 405
- Helminth infections**, 220-2, 332-3, 444-6
- Hemianopia, altitudinal, streptomycin and, 130
- Hemiballismus, electrical activity in, 199
- Heparin action, protamine and, 459  
— co-factor, clinical studies, 274  
— in disseminated sclerosis, 200  
— Pitkin menstruum for coronary artery thrombosis, 56  
— rheumatic fever, 446  
— papaverine and, in peripheral arterial embolism, 623  
— prolongation of effects of, 623  
— subcutaneous, prevention of pain by hyaluronidase, 623  
— therapy, 584  
— tolerance in acute rheumatism, 333  
— test *in vitro* for thromboembolic disease, 251
- Hepatitis, acute, erythrocyte diameter in, 273  
—, —, transfusions and inoculations in, 504  
—, infective, coproporphyrin concentration and isomer distribution in urine in, 39  
—, deoxycortone acetate in, 658  
—, effect of alcohol and exertion on liver after, 180  
—, in children, sequelae, 367  
—, pathology, 96  
—, portal cirrhosis and, 181  
—, nicotinic acid in, 181  
—, parenchymatous, prothrombin and factor-V plasma levels in, 252  
—, post-mortem examination in, 639  
—, primary, bile flow in, 180  
—, viral, electrophoretic studies of serum proteins in, 639
- Hepato-lenticular degeneration, *see* Wilson's disease
- Hernia, lumbar fatty, 519
- Herpes simplex, smallpox vaccine injections and, 80  
— simplex, aureomycin in, 189  
— virus in chick embryo, aureomycin action on, 578  
— zoster, aureomycin in, 537  
— chickenpox and, 209  
— dehydroergotamine methanesulphonate in, 657  
— sensory nerves of skin in, 538  
— vesicle and spinal fluids from, 318  
— fluid, cytology, 210
- "Hetrazan" in filariasis, 222, 333, 446  
— loiasis, 332, 333  
— onchocerciasis, 333
- Hexaethyl tetraphosphate, pharmacology, 123
- Hicks, John Braxton (1823-1897), 560\*
- Hirschsprung's disease, colonic peristalsis in, 502
- Hirsutism, idiopathic, excretion of 17-ketosteroids in, 397
- His, Wilhelm, Jr., biography, 112
- Histamine, action on hydrochloric acid and pepsin secretion in man, 177  
— antagonism with alkyl homologues of ethylamines, 12  
— antagonists, "anthisan" and "phenegran" as, comparison, 49  
—, cardio-respiratory effects of, 574  
—, common cold treated by, 539  
—, eosinophilic response to, 151  
—, gastric secretion and, 177  
—, in allergic experimental nephritis, 517  
—, bronchial asthma, 369, 486  
—, tuberculosis, 215  
—, "thenfadil", toxic properties, 463  
—, toxicity and side-effects, 615  
— headache, desensitization treatment, 200  
— in disseminated sclerosis, 308  
— nervous diseases, 651  
— liberation by adrenaline from isolated lung, 574  
— renal function in hypertension and, 160
- Histoplasma capsulatum*, growth inhibition by tomatin, 209  
—, isolation from soil, 144
- Histoplasmose, clinical, pathological, and mycological observations in, 209  
— in children, 109
- History of medicine**, 111-12, 224, 335-6, 447-8, 599-60, 672
- Hodgkin's disease, lymph-node study in, 65  
—, nitrogen mustard in, 171, 278, 387, 625  
—, sternal marrow biopsy in, 66  
—, stomach in, 71  
—, surgical treatment, 387
- von Hohenheim, Theophrast, Basle pamphlet on, 336\*
- Holmes-Adie syndrome, 307
- Hormone responses after exposure, 182
- Hormones in hyper- and hypertension, 505  
—, sexual activity and, 184
- Hospital in-patients, elderly male, return to work of, 227  
—, military, of Val-de-Grace, 560\*
- Hunger bradycardia, atropine in, 377
- Hunter, John, and his museum, 224\*
- , William, early medical education, 560\*
- , *On the Gravid Uterus*, 559\*
- Hyaluronidase, absorption of radiopaque substances and, 29  
— heparin injection pain prevented by, 623  
— in dehydration of infancy, 366  
— fluid administration, 606  
— localized pretibial myxoedema, 190  
— mucinous infiltration of skin, 190  
— of *Streptococcus haemolyticus* group A, inhibitor in human serum, 362
- Hydrocephalus, congenital, stenosis of Sylvian aqueduct causing, 257
- Hydrochloric acid secretion, histamine and, 177
- 4-Hydroxycoumarin, prothrombin time and, 576
- Hydroxystilbamidine in kala-azar, 332
- Hygiene**, 1-6, 113-17, 225-8, 337-41, 449-53, 561-6
- Hyperhidrosis, radiotherapy, 8x
- Hyperostosis, congenital diffuse generalized, 37
- Hyperparathyroidism, *see* Parathyrotoxicosis
- Hyperpyrexia, therapeutic, pathology of fatal cases, 476
- Hypersensitivity, horse serum in rabbits and, 33
- Hypertension**, 269-71, 380-1  
—, arterial, adrenal cortex and, 270  
—, urinary stasis and development of, 161  
—, autonomic nervous system in, 270
- , cardiovascular, in bilaterally nephrectomized dogs, 380
- , cerebral circulation, bilateral stellate ganglion block and, 160
- , chronic, mechanism of vicious circle in, 621
- , compound E in, 135
- , electrocardiogram in, 381
- , essential, blood and bone marrow in, 624
- , contemporary views on, 161
- , lumbar puncture and, 269
- , medical and surgical treatment, comparison, 269
- , protein deficiency and blood pressure in, 622
- , psychiatric factors in, 415
- , sympathectomy and, 59
- , veratrum viride and dihydroergocornine in, 161
- , histamine and renal function in, 160
- , ischaemic heart disease compared with, 266
- , menopausal, 270
- , minimal sodium diet and blood pressure in, 380
- , oxygen in, 60
- , pentamethonium iodide in, 271
- , prefrontal leucotomy for, 622
- , prolonged interrupted narcosis in, 269
- , renal arteries, compression of, causing, 59
- , renin in blood in, 381
- , retinal vessels in, 271
- , salt-active corticoids in, 60
- , sympathectomy, 621
- , follow-up, 160
- , high dorsolumbar, 60
- , tetracylaminium bromide in, 379
- , thiocyanate in, 620
- , vitamin A in, 270
- , x-irradiation of pituitary and adrenal regions in, 381
- Hyperthyroidism**, *see* Thyrotoxicosis
- Hyperventilation syndrome, 315
- Hypoglycaemia, functional, in children, adrenocorticotrophin in, 290  
— spontaneous, 51
- , thrombo-angiitis obliterans treated by, 375
- Hypoparathyroidism, pseudo-, with late manifestations, 293
- Hypophysis, *see* Pituitary
- Hypopituitarism, *see* Pituitary deficiency
- Hypopottassemia, development during therapy of diabetic acidosis, 53
- Hypoproteinaemia, nephrogenic, plasma transfusions and, 84
- Hypotension, deoxycortone acetate and sodium chloride in, 76  
—, haemorrhagic, morphine in, 10  
—, sex hormones in, 505
- Hypothyroidism, *see* Myxoedema; Thyroid deficiency
- Hypoxia, *see* Oxygen deficiency
- Hysteria, prognosis of certain symptoms of, 207
- Hysterosalpingography, absorption of radiopaque substances used in, 594  
—, sources of functional disturbance in, 141  
—, water- and oil-soluble contrast media, 593
- Ichthyosis, vitamin A and choline in, 644
- Icterus, *see* Jaundice
- Immunity**, 44-5, 145-7  
— of mice infected with *Ascaris lumbricoides* larvae, 222
- Impetigo, bacitracin in, 188
- Industrial medicine**, 6, 115-17, 226-8, 340-1, 451-3, 566  
—, history, 560\*
- Infant, congenital anomalies, recurrence in siblings, 118  
—, —, malformations, maternal conditions and, 480  
—, feeding, difficulties in, 365  
—, wheat germ in, 46  
—, mortality in Czechoslovakia, 480  
—, newborn, new syndrome of, 258
- Infarcts, cerebral and retinal vascular occlusion and, 33
- Infections, air-borne, in isolation wards, 226  
— in children, nutrition and, 148  
—, neonatal, incidence, 481
- Infectious diseases**, 95-110, 209-23, 318-34, 417-40, 537-8, 656-71  
—, acute, precipitation of endogenous psychoses by, 94
- Influenza, aureomycin in, 632
- immunity, passive, in infants, 478
- infection in mice, 253
- in Highlands of Scotland, 565
- Sweden, 114
- like diseases, differential diagnosis, 417
- Injection, intraneurral, fate of, 9
- Insecticides and repellents**, 135-6, 586  
—, "kik", activity of, 586
- Insulin allergy and resistance, 613  
—, chemical combination with muscle (diaphragm) of rat, 373  
—, —, —, hormonal influences on, 261
- coma, blood transfusion in, 489
- , prolonged, potassium in, 317
- discovery, history, 112
- , hyperglycaemia - glycogenolytic factor in, 372
- hypersensitivity in pellagra, 488
- in schizophrenia, follow-up, 208
- modified protamine, clinical report, 372
- , — trial, 52, 53
- protamine-zinc, retarded absorption of, 261
- shock therapy in women, 536
- skin reactions to, 612
- test for vaginal secretion, 637
- tolerance test in liver cirrhosis, 69
- Intelligence, juvenile delinquency and, 26
- Intestinal tract operations, macrocytic anaemia and, 166
- Intestines**, 178-9, 288, 393-4  
— obstruction, congenital, due to errors of rotation of midgut, 607
- perfusion, hypotonic solutions in, 304

## SUBJECT INDEX TO VOLUME 7

Intestines, small, radiology in old age, 31  
—, stricture and anastomosis, macrocytic anaemia with, 166  
"Intocostrin" in spastic paraparesis in children, 650  
Intussusception, acute, in angio-neurotic oedema, 608  
—, in infants and children, 607  
—, recurrent, of small intestine in children, 608  
Iodides, effect of administration with thiouracil, 640  
Iodine, organic binding by thyroid, effects of thiocyanate and thyrotropin on, 293  
—, radioactive, in measurement of thyroid function, 396  
—, —, metastatic thyroid carcinoma, 588  
—, —, thyrotoxicosis, 507-8  
—, —, protein-bound, in diagnosis of hyperthyroidism, 74  
—, —, rate of conversion into protein-bound iodine of plasma in evaluating thyroid function, 397  
—, —, thyroid collection in senescence, hypothyroidism, and hypopituitarism, 74  
—, —, urinary excretion in diagnosis of thyroid disorders, 396, 397  
—, utilization by thyroid, effect of iodide ion on, 506  
—, values in blood, micro-determination, 567  
Iodocasein, radioactive, in myxoedema, 291  
Iodophthalein elimination as test of liver function, 40  
Iodothiouracil in thyrotoxicosis, 293  
"Iodium B", bronchography with, 590  
Iontophoresis in peripheral vascular disease, 271  
Ipecacuanha in gastric radiography, 141  
Iron deficiency without anaemia, 612  
—, intravenous, in anaemia of pregnancy, 63  
—, —, in hypochromic anaemia, 625  
—, radioactive, intravenous, utilization in iron metabolism, 274  
—, sucrose preparation, intravenous, in anaemia, 62  
—, therapy, digestive disturbances during, 496  
—, —, effect on serum iron level, 496  
Irradiation injuries of skin, tubercle-like structures in, 29  
—, ionizing, haemorrhagic disease caused by total-body exposure to, 587  
—, micro-wave, effect on animals, 585  
—, total body, tissue changes in, 469  
Ischaemia of renal cortex, anuria after, 84  
"Isuprel" analogues, bronchodilator activity, 346  
"Itchy skin", tetraethylammonium chloride in, 189

Jarisch-Herxheimer reaction following penicillin therapy, 191  
Jaundice, artificial, in Parkinsonism and disseminated sclerosis, 309  
—, differential diagnosis, bile flow in primary hepatitis and, 180  
—, —, single serum sample analysis in, 360

Jaundice, diuresis in, 638  
—, epidemic, isolation of virus in, 319  
—, familial haemolytic, haemolytic crisis in, 167  
—, homologous serum, 419  
—, obstructive, coproporphyrin concentration and isomer distribution in urine in, 39  
—, prothrombin and factor-V plasma levels in, 252  
Jejunum dilatation, 590  
Jenner, Edward, and his work, 560\*

**Jurisprudence, medical**, 467

Kala-azar, hydroxystilbamidine in, 332  
—, indigenous, in Gambia, 536  
Kaolin, effect on lungs of rats, 6  
Kaposi's disease, diabetes mellitus and, 644  
—, varicelliform eruption, aureomycin in, 189  
—, —, due to vaccinia virus, 78  
Keratosis pilaris rubra atrophicans of face, 190  
Ketene, air-borne, physiological response to, 240  
Ketone metabolism in health and liver disease, 504\*  
Ketosis, diabetic, electrolyte balance in, 613  
Ketosteroid excretion, convulsion therapy and, 536  
—, —, in heat and cold stress, 182  
—, —, urinary excretion in gout, 52  
—, —, —, idiopathic hirsutism, 397  
—, —, —, testosterone treatment and, 77  
—, —, —, values in relation to age and sex, 76  
Khellin, *see* Visammin  
Khirov Academy of Military Medicine, 150 years of obstetrics and gynaecology at, 224\*  
Kidney, *see also* Nephritis, etc.  
—, anoxic anoxia and, 196  
—, artificial, clinical experiences with, 197  
—, —, in uremia, 83  
—, —, potassium in dialysing fluid in treatment with, 83  
—, atrophy, bilateral focal ischaemic, 599  
—, biopsy in renal tumours, 403  
—, blood flow and clearance, partial obstruction of renal vein in, 36  
—, carcinoma, 304  
—, circulation, experimental studies and clinical aspects, 517  
—, —, history of research on, 559\*  
—, —, neurovascular control of, 517  
—, clearance tests, difference in systemic arterial and venous plasma concentrations in, 195  
—, congenital polycystic disease, 403  
—, cortex, anuria after ischaemia of, 84  
—, disease, blood and bone-marrow studies, 624  
—, —, renal clearance and excretion index in, 305  
—, —, rice diet in, 494  
—, failure and low extracellular sodium chloride, 305  
—, from lysed erythrocytes, 196

Kidney function, benzoic acid and caronamide and, 129  
—, —, in congestive heart failure, 617  
—, —, hypertension, 160  
—, —, —, myxoedema, 182  
—, —, —, Rocky Mountain spotted fever, 540  
—, —, increased renal venous pressure and, 36  
—, haemodynamics, water deprivation and, 120  
—, hypertrophy after nephrectomy, thyroid gland and, 75  
—, lesions, choline deficiency producing, 596  
—, —, in diabetes mellitus, 403  
—, plasma flow, clearance method of determination with diiodone,  $\beta$ -acetylamino-hippuric acid, and  $\beta$ -amino-hippuric acid, 250  
—, potassium deficiency production and, 403  
—, regulation of acid-base balance in man, 120  
—, response to hypertonic solutions of sodium chloride and urea, 231  
—, sodium excretion, adrenal cortex and, 343  
—, tetraethylammonium bromide and, 123  
—, toxic effect of bacitracin on, 349  
—, tuberculosis, pulmonary and urogenital tuberculosis in pathogenesis, 435  
—, tumour, diagnosis by renal cytogram, 403  
—, vascular "shunt", experimental demonstration, 517  
"Kik", activity of, 586  
Klare's scheme and course of pulmonary tuberculosis, 553  
Kleptomania in males, 654  
Knee-joint, opaque arthrography of, 141  
Knipping-Scotz test in silicosis, 117  
Kravkov, Nikolai Pavlovich, Soviet pharmacologist, 224\*  
Kveim reaction in sarcoidosis, 387  
Kwashiorkor, therapeutic studies, 487

Lamb's excrescences, mitral valve stenosis and, 157  
Larynx, tuberculosis of, TB I/698 E treatment, 549  
Laterosporin A and B, 18  
Latavate, sodium carboxymethylcellulose as, 394  
Lead poisoning, BAL in, 240  
—, in pottery industry, 239  
—, worker, care of, 226  
Lebert, H., 1813-78, bibliography, 448\*  
L.E.-cell phenomenon, production *in vitro*, 273  
Left-handedness, brain injury and, 91  
Leprosy, lepromatous, 4,4'-diaminodiphenyl sulphone in, 659  
—, primary lesion, surgical treatment, 659  
—, Russian specialist, Grigorii Nikolaevich Minkh, 560\*  
—, tuberculoid, vitamin D and "promanide" in, 543  
Leptospirosis tetrohaemorrhagica in north-east Scotland, 340  
Leucocyte count as indicator of drug agranulocytosis, failure of, 40  
—, —, in streptomycin-treated tuberculous meningitis, 433  
—, level in blood in inflammation, 595  
—, lysis by tuberculoprotein, role of complement in, 363

Leucocyte movements, modification by chemicals, 229  
Leucocytosis, thermostable component in, 595  
Leucosis, experimental, induction by carcinogens, 475  
Leucotomy, bilateral prefrontal, electroencephalographic changes after, 410  
—, occipital, electroencephalographic changes after, 410  
—, prefrontal, clinical and psychological studies in, 535  
—, —, in hypertension, 622  
—, —, schizophrenia, 534  
—, relapse after, 208

**Leukaemia**, 168-9

—, acute, aminopterin treatment, 608, 624  
—, —, —, macrocytic erythrocyte development during, 169  
—, —, exchange transfusion in, 624  
—, —, folic acid antagonists in, 382  
—, —, spontaneous remission complicated by eclampsia, 168  
—, atypical myeloid, 169  
—, blood coagulation in, 366  
—, chronic lymphatic, radioactive phosphorus in, 169  
—, —, myeloid, urethane in, 169  
—, in negroes, 382  
—, monocytic, aminopterin in, 275  
—, multiple myeloma as form of, 385  
—, radioactive arsenic in, 385  
—, serum proteins in, 62  
—, stomach involvement, 71  
—, x rays and urethane in, 30

Leukergy production by tuberculin as test of tuberculosis activity, 363  
Lewandowsky's rosacea-like eruption, 512  
Lichen planus, calciferol in, 79  
Ligamentum flavum, 599  
Lipocalcinogranulomatosis, 171  
Lipid metabolism disturbance in atherosclerosis, 619  
Lipoma of gastro-intestinal tract, 392  
"Lissephen", *see* "Myanesin"  
Listerellosis, angino-septicaemic form, 546  
Listeria infection in man, 324  
Lithiasis, active broncho-pulmonary, 162  
Lithium chloride, substitute for sodium chloride in diet, 581  
—, periodate, effect on crystalline bovine serum albumin, 41  
Little's disease, "parpanit" in, 530  
**Liver**, 179-81, 289, 394-5, 504, 638-9. *See also* Hepatitis  
—, biopsy for enlarged hilar and mediastinal lymph nodes, 600  
—, changes during protein depletion, effect of choline on, 289  
—, cholesterol deposition in, pancreatic lipotropic factor and, 249  
—, cirrhosis with ascites, sodium restriction and, 504  
—, blood and bone-marrow appearance in, 164  
—, —, clinical and histological changes, 394  
—, —, definition of cations and anions in, 33  
—, —, electrophoretic studies of serum proteins in, 639  
—, —, glucose, insulin, and adrenaline tolerance tests in, 69  
—, —, gynaecomastia and, 638  
—, —, human serum albumin in, 394  
—, —, infective hepatitis and, 181

- Liver cirrhosis, intravenous amino-acids in, 395  
—, —, liver extract in, 394  
—, —, malnutrition as cause, 638  
—, —, mercurial diuretics, human serum albumin, and low sodium diet in, 395  
—, —, serum proteins in, 289  
—, damage after thiouracil treatment of thyrotoxicosis, 506  
—, — due to alcohol or sugar, prevention by choline, 595  
—, disease, central nervous system in, 308  
—, flocculation tests in, 179  
—, methionine metabolism in, 639  
—, nutritional, 179  
—, thrombocytopenia and increased capillary fragility in, 168  
—, endophlebitis obliterans, 36  
—, extract and folic acid antagonists in pernicious anaemia, 275  
—, in subacute combined degeneration of spinal cord, 525  
—, fatty disease of, pancreatic atrophy in infants with, 150  
—, infiltration, action of pancreatic lipotropic factor on, 248  
—, —, choline in, serial biopsies during, 394  
—, function, adrenaline-induced hyperglycaemia as index of, 39  
—, colloidal red test as index of, 39  
—, glycogen storage as index of, 39  
—, in carbohydrate metabolism, 372  
—, —, Darier's disease and pityriasis rubra pilaris, 80  
—, —, gout, 52  
—, —, Rocky Mountain spotted fever, 540  
—, —, skin diseases, 295  
—, iodophthalein elimination as test of, 40  
—, test using buffered colloidal solutions of benzoin or shellac, 250  
—, in alcoholism, needle biopsy of, 638  
—, migraine, 206  
—, injury due to diet in rats, 180  
—, puncture biopsy in miliary tuberculosis, 429  
—, tuberculous foci in, 246  
Lobelline, determination of circulation time with, 616  
**Locomotor system disorders**, 85-7, 198, 306, 405-7, 518-23, 64-9  
Loeffler's syndrome, adrenocorticotrophin and, 642  
—, case report, 68  
—, relation of disseminated focal necrosis with eosinophilia and arteritis in asthma, 50  
Loiasis, "tetrazan" in, 332, 333  
Louping-ill, isolation of virus, 95  
—, meningo-encephalitis, serological survey, 418  
Louise infestation of children's heads, insecticides for, 136  
"Lucite" plombage in extrapleural pneumonolysis in pulmonary tuberculosis, 553  
Lung abscess, penicillin in, 389  
—, adenomatosis of, 68  
—, ankylosing spondylitis effects in, 198  
—, arterio-venous aneurysm of, 67, 356  
—, blood vessels in aortic coarctation, 247  
—, carcinoma, alveolar-cell, 68  
—, increase in deaths attributed to, 338  
—, occupation and tobacco in, 632  
—, pathology, 282
- Lung carcinoma, superior vena cava obstruction in primary, 389  
—, carcinomatosis, diffuse, pathology of subacute cor pulmonale in, 142  
—, cavitation, bacterial resistance to streptomycin and, 104  
—, —, tuberculous, spontaneous healing, 669  
—, disease, calculus formation and, 67  
—, miners', Osler on, 224\*  
—, fibrosis due to *Oxyuris vermicularis*, 630  
—, — in scleroderma, 399  
—, —, respiration and circulation in, 174  
—, function of, in silicosis, 452  
—, hilar shadows in silicosis, 357  
—, hilum, acute infiltration of, 664  
—, **infections**, 631-2  
—, —, segmental, 389  
—, striation-shadows radiating in upper lobe, 139  
—, suppuration, penicillin in, 173, 279  
—, tuberculosis of, see *Tuberculosis*, pulmonary  
—, **tumours**, 632  
—, —, alveolar-celled, 175  
—, —, nitrogen mustard in, 171  
—, ventilation, alveolar and bronchial factors in, 457  
—, —, uneven in disease, 630  
—, volume, pharmacological variations in health, 11  
Lupus carcinoma, 510  
erythematosus, acute, 297  
—, chronic, peripheral blood flow in, 511  
—, —, discoides, "mapharside" in, 80  
—, —, disseminated, adrenocorticotrophin in, 511  
—, —, production of L.E.-cell phenomenon, 273  
—, —, malignant, 80  
—, vulgaris, calciferol treatment, 511  
—, —, —, polyneuritis complicating, 644  
—, —, —, radiotherapy, after-effects of, 510  
"Luotest", testing in late syphilis with, 401  
Lymphadenitis, tuberculous cervical, radiotherapy in, 215  
Lymph node aspiration in radiotherapy, 244  
—, —, diseases, nitrogen mustard in, 65  
—, —, enlarged, liver biopsy causing, 600  
—, —, in Hodgkin's disease, tissue culture studies of, 65  
Lymphocytosis, infectious, epidemic in children, 606  
Lymphogranuloma venereum, bubonic form, aureomycin in, 191  
—, —, children born of mothers with, 402  
—, —, laboratory diagnosis, 600  
—, —, virus, resistance in mice due to *Encephalitozoon cuniculi*, 603  
Lymphogranulomatosis, benign, see *Sarcoidosis*  
Lymphoma, follicular, sternal marrow biopsy in, 66  
Lymphosarcoma, nitrone  
mustard in, 625  
—, sternal marrow biopsy in, 66  
Lysergic acid, clinical effects, 463
- Macrocheilitis, granulomatous, 190  
Magnesium phosphate, adsorbent complex in peptic ulcer therapy, 176
- Majocchi's disease and related conditions, 398  
**Malaria**, 107-9, 441-4, 557-8, 669-71. See also *Plasmodium*  
—, antibiotic from butterfly-wing extract in, 219  
—, "chloroquine", "pentamidine", and "neo-premaline" in suppression of, 219  
—, —, and proguanil in, 670  
—, control in Venezuela, 339  
—, eradication, DDT and "gamma-mexane" in, 586  
—, in Cyprus, 563  
—, falciparum, acute, blood examination in, 330  
—, —, antagonism of a bacterial intoxication to, 107  
—, —, chloroquine in, 444\*  
—, —, parasite rate at high altitudes, 441  
—, —, proguanil-resistant, 669  
—, gallinaceum, quinine in, spleen and, 331  
—, immunity in Africans, 107  
—, —, development of collective, 219  
—, in Germany, 1945-7, 107  
—, proguanil and prophylaxis in Indo-China, 108  
—, recurrent, epilepsy as sequela of, 529  
—, sphenomegal, chloroquine diphasate and, 331  
—, sulphonamides in, 107  
—, synthetic dianopterins and, 670\*  
—, tertian, benign, long-term latency in, 442  
—, —, malignant, treatment, 442  
—, vivax, recurrent, status of immunity following cure, 443  
**Mainnutrition**, see *Nutrition deficiency*  
Mammary carcinoma in mice, isolation of virus, 596  
—, —, survival of milk factor in, 35  
—, gland, lobular-alveolar development in rat, 290  
—, —, tumour agent in hybrid mice, 34  
—, —, —, hormone responses on transplantation, 35  
—, tumours, functional differentiation, 598  
Manassein, V. A., Russian specialist in tuberculosis, 336\*  
"Mapharside", see *Oxophenarsine hydrochloride*  
Marasmus, protein requirements of infants in, 606  
Marchiafava-Micheli disease, see *Haemoglobinuria, nocturnal*  
"Marcus Gunn phenomenon, inverted", 89  
Marfan's syndrome, see *Arachnodactyly*  
Marfan-Amat syndrome, 89  
Measles encephalitis, 528  
Mecholyl in beeswax, effect on gastric secretion, 285  
—, ulcer production by, 285  
Mediastinum, anterior, radiological demonstration in children, 590  
—, displacement in asthma, 614  
—, tumour and aneurysm, angiography, 357  
Medical education in Scotland, 335  
—, **Jurisprudence**, 26-7  
Medicine, eighteenth century, in Roxburghshire, 224\*  
—, advance in, in the 1840's, 448\*  
—, **general**, 48-53, 151-3, 259-62, 368-73, 485-9, 611-15  
Mediterranean anaemia, see *Anaemia, Cooley's*  
Medulloblastoma, radiotherapy in, 470  
Megakaryocyte, pseudo-thrombocyte formation from, 164
- Melanoma growth, effect of aminopterin on, 248  
—, malignant, bone metastasis in, 358  
—, —, surgical and irradiation treatment, 243  
—, melanin causing, 595  
—, mitochondria and, 229  
Melanosis, neuro-cutaneous, 509  
Melioidosis, 100  
Meningioma, intraspinal, calcification in, 245  
—, posterior fossa, 528  
—, spinal, myelography in, 140  
Meningitis, aseptic, of new virus origin, 540  
—, *Bact. coli*, streptomycin in, 202  
—, *H. influenzae*, streptomycin in, 484  
—, —, —, and penicillin in, 99, 324  
—, intestinal organisms causing, streptomycin in, 149  
—, *Klebsiella*, streptomycin in, 22\*  
—, pneumococcal, penicillin in, 428  
—, serous, acute, complicating scarlet fever, 99  
—, tuberculous, new sign in, 88  
—, —, reactive autonomy of leptomeninges in, 329  
—, —, streptomycin in, 104, 431, 606, 666  
—, —, —, cerebrospinal fluid changes during, 432  
—, —, —, "promizole" and, 217  
—, —, —, "promin", and vitamin A in, 432  
—, —, —, treated, allergy and immunity tests in, 433  
—, —, TB I/688 and TB IV effects, 549  
—, —, transplacental streptomycin in, 431  
—, —, tuberculomata of brain and, 329  
Meningo-pneumotrophic virus, relation to psittacosis-like virus, 95  
Menopause, blood pressure in, 270  
—, Heberden's nodes and, 405  
Menstruation, blood clot retraction estimation in, 7  
Mental deficiency problems in Great Britain since 1906, 337  
—, disease, Pinel's conception of, 447  
—, disturbances in the elderly, 207  
Mepacrine, effect on Chesson strain of *Plasmodium vivax*, 443  
Mepyramine maleate, see "Antihistans"  
Mercaptomerin, sodium, see "Thiomerin"  
Mercuric cyanide in syphilitic aortitis, 401  
Mercury diuretics, circulatory effects in congestive heart failure, 617  
—, poisoning, BAL in, 464  
—, —, chronic, and hyperthyroidism, 23  
—, —, from fingerprint photography, 467  
"Mesantoin", electroencephalographic changes and, 410  
**Metabolic disorders**, 50-2, 152-3, 260-1, 370-1, 486-9  
"Methadone", see "Physeptone"  
Methaemoglobinuria, congenital, 495  
Metaphenylene hydrochloride, see "Diatrin"  
"Methedrine" shock in personality exploration, 317  
Methionine metabolism in liver disease, 639

## SUBJECT INDEX TO VOLUME 7

- N-Methylberberamine, curariform activity, 346

Methyl-bis ( $\beta$ -chlorethyl) amine, see Nitrogen mustard

Methylcellulose in bowel function improvement, 393

N-Methylsotetrandine, curariform activity, 346

Methyl methacrylate, see "Lucite"

Methylphenylethyl hydantoin, see "Mesantoin"

Methyl salicylate poisoning, 133

— testosterone administration in rabbit, 76

**Microbiology**, 41-5, 144-7, 253-4, 362-4, 477-8, 603-5

Microscopy, phase-contrast, and metal-shadowing in study of blood cells, 164

—, in morbid histology, 360

—, of human hair, 360

Micturition disorders, see also Anuria

— in poliomyelitis, 319

Migraine, personality studies in, 532

—, retinal arterial occlusion in, 531

—, role of liver in, 206

Military surgery in sixteenth century, 112\*

Milk, fat content, diurnal variation in, 255

— intake, prolonged, calcinosis after, 51

—, penicillin excretion in, 20

— secretion in the rat, 200

Minkh, Grigorii Nikolaevich, Russian leprologist, 566\*

Mitochondria, cloudy swelling and, 247

Mongolism and heredity, 609

Mononucleosis, infective, electrocardiographic changes in, 673

—, radiological manifestations, 472

—, serum proteins in, electrophoretic analysis, 62

—, urine appearance in, 39

**Morbid anatomy**, 36-7

Morphine, antagonism by 5-amino-acridine, 370

—, gastric radiography and, 141

— and "physेतोन" analgesia compared, 10

— secretin test of pancreatic function, 283

—, vasodepressor responses after haemorrhagic shock, 10

Mosquito eradication in Cyprus, 563

— infected with *Plasmodium gallinaceum*, antimalarial drugs and, 108

— in London, 449

— sounds recorded, field tests in mosquito destruction, 444

Moth balls, acute haemolytic anaemia due to, 353

Motion sickness, air, "dramamine" in, 48

— sea, "dramamine" in, 48

Motor neurone disease, electromyography, 408

Mouth ulcers, aureomycin in, 390

Movement, cortico-spinal and subcortico-spinal mechanisms in origin of, 231

Mumps meningo-encephalitis, complement-fixation tests in, 418

— without parotitis, 418

—, neurological complications, 318

— orchitis, diethylstilboestrol in, 318

—, serological diagnosis, 147

— specific serological reactions, 605

— virus isolation and serological studies in, 418

**Muscle action potential, duration and form in human**, 9

  - atrophy, progressive, colchicine in, 412
  - biopsy in von Gierke's disease, 370
  - dystrophy, progressive, 650
  - spasm in rheumatic disorders, curare in, 405

**Myalgia, epidemic**, 649

"Myanesin" in cerebral palsy, 483

  - , effect on experimental spasticity, 576
  - , — motor system, 575
  - , — nervous system, 233

**Myasthenia gravis**, neuromuscular function in, 412

  - , tetraethyl pyrophosphate in, 122
  - , plasma neostigmine levels and cholinesterase inhibition in, 11

**\*Mycobacterium tuberculosis**, antagonism of a non-pathogenic diplococcus to, 350

  - , labelling with radioactive phosphorus, 427
  - , morphology and streptomycin effect, 43
  - , murine, vaccination with, 3
  - , neomycin activity, 329
  - , resistance to sodium  $p$ -aminosalicylic acid, 126
  - , slide culture method of examination, 254
  - , streptomycin resistance, persistence *in vivo* and *in vitro*, 552
  - , —, prevention of, 103
  - , —, resistant, relation of cavity to development in pulmonary tuberculosis, 104, 433
  - , —, strains, factors influencing emergence of, 104

**Mycokeratosis**, palmar and plantar, with onychomycosis, 79

**Mycosis fungoides**, antimonia in, 512

—, nitrogen mustard in, 81, 399

**Mycotorula albicans**, palmar and plantar mycokeratosis with onychomycosis due to, 79

**Myeloma**, multiple, antimony in, 385

  - , as form of leukaemia, 385
  - , Bence-Jones protein in, 171
  - , clinical report, 386
  - , urethane in, 170

**Myelopathy**, transverse, in achondroplasia, 203

**Myelosclerosis**, subacute, 384

**Myelosis**, chronic non-leukaemic, 384

**Myocarditis**, serum induced, "benadryl" and "neantergan" in, 122

**Myocardium**, contractility, loss after coronary artery occlusion, 378

  - disturbances in infective mononucleosis, 367
  - infarction, auricular flutter and, 57
  - , blood transfusion in, 619
  - , chronic rheumatic heart disease and, 619
  - , coronary circulation in, 619
  - , follow-up study, 378
  - , pitressin in, fatal effect of, 158
  - , plasma and blood infusion following, 158
  - , ischaemia, concepts of, 491

**"Myoidea"**, historical survey and clinical observations, 368

**Myxoedema conscriptum thyrotoxicum**, 292

**Myxoedema diagnosis**, 396, 397

  - , localized pretibial, hyaluronidase in, 190
  - , psychosis and, 292
  - , radioactive iodocasein effect in, 291
  - , renal function in, 182
  - , thyroxine in, 641

**Naevus flammeus**, post-traumatic, 298

**Nails**, fungus infections of, 187

**Naphthalene poisoning**, acute haemolytic anaemia due to, 353

**Narco-analysis in personality exploration**, 317

**Narcotic attacks, mechanism**, 206

**Narcosis, prolonged**, in peptic ulcer treatment, 392

  - , interrupted, in hypertension, 269

**Nasopharynx**, bacterial flora of, 603

**Naval medicine in nineteenth century**, 448

**Necrosis, disseminated focal**, with eosinophilia and arteritis in asthma, 50

"Neantegen", approved name: mepyramine

  - , serum-induced myocarditis and, 122

**Neosparnamine in syphilis**, 514

"Neo-epinine", see "Aleuridine"

"Neohetramine" in allergic disorders, 49

  - common cold, 658
  - tuberculosis, 215

"Neo-ipax", pyelography by rapid injection, 246

**Neomycin, action on Myco. tuberculosis**, 329

  - , activity *in vivo*, 237

"Neo-premaline" in malaria, 219

**Neostigmine**, blood level of, and cholinesterase inhibition in dogs and myasthenic patients, 11

"Neosynephrin" in bronchospasm relief, 279

**Nephritis**, blood and bone-marrow in, 624

  - , experimental allergic, anti-histamine agents and, 517
  - , glomerular, acute diffuse, 404
  - , —, epidemic, 84
  - , —, pathogenesis, 305
  - , renal manifestations of, 195
  - , history of, 560\*
  - , mercurial, prolonged forms of, 84

"Nephrography", experimental and clinical observations, 471

**Nephron**, structure of metabolic process in, 84

**Nephrosclerosis**, deoxycortone acetate in, 83

**Nephrosclerosis, arterial hypertension and**, 161

  - , erythrolytic, 37
  - , human serum albumin injections in, 195

**Nerves(s), acoustic, tumours, radiological manifestations**, 471

  - , basal ganglia, "pan-painfit" in diseases of, 651
  - , block, bilateral stellate ganglion, cerebral circulation and, 160
  - , conduction, acetylcholine in, 12
  - , cutaneous, calibre of fibres in, 455
  - , descending, heat maintenance functions of, 454
  - , injections into, radioactive phosphorus tracer, 9

**Nerve, peripheral**, 528-9

  - , excitability, influence of hypothyroidism on, 75
  - , —, injuries from penicillin administration, 129
  - , —, smallpox vaccination and, 529
  - , physiology, quaternary ammonium and sodium ions in, 13
  - , roots, meningeal spinal, 528
  - , section, see Sympathectomy; Vagotomy
  - , stellate ganglion block, in cerebral thrombosis and embolism, 652

**Nervous system, autonomic, in hypertension**, 270

  - , central, 89-91, 200-4
  - , —, curare and, 458
  - , —, in liver disease, 308
  - , arsphenamine administration, damage after, 308
  - , disease, motor signs, 231
  - , lesions, linear scleroderma and, 190
  - , peripheral, 204-5
  - , sympathetic, effect of stimulation on auricular flutter, 158
  - , —, involvement in acute poliomyelitis, 96

**Neuritis, optic**, from cold permanent wave, 462

  - , pressure, of deep palmar branch of ulnar nerve, occupational origin of, 89

**Neurodermatitis, phenindamine in**, 297

**Neurology**, 88-93, 199-206, 307-14, 408-14, 524-31, 650-3

**Neuropathology, historical sketch**, 672\*

**Neurosypilis**, penicillin in, 400, 516

  - , —, follow-up study, 192
  - , —, and fever therapy in, 400
  - , —, malaria therapy, 645

**Neutropenia, chronic, splenectomy in**, 170

**Nicotinamide in bromide intoxication**, 583

**Nicotinic acid in hepatitis**, 181

**Nikethamide and electric shock therapy in states of excitement**, 208

  - , injection in newborn, syndrome following, 258

**Nisin, recent applications of**, 236

**Nitric acid fumes, fatal inhalation of**, 232

**Nitriles, basic, antispasmodic action**, 126

**Nitrogen balance in chronic peptic ulcer**, 286

  - , raw or heated egg white as dietary protein, 568
  - , metabolism, folic acid and, 576
  - , in chronic idiopathic ulcerative colitis, 288
  - , mustard analogues in carcinoma, 577
  - , chemical structure and toxicity and pathological effects, 577
  - , effect on regenerating rat liver, 578
  - , in bronchial carcinoma, 38
  - , —, chronic gastric ulcer, 636
  - , —, glomerulonephritis, 195
  - , —, Hodgkin's disease, 278, 387
  - , —, induced erythroblastic hyperplasia, 170
  - , —, lymph-node diseases, 65
  - , —, malignant disease, 127
  - , —, lymphogranuloma, 625
  - , —, mycosis fungoides, 81, 399
  - , —, pulmonary tuberculosis, 16

- Nitrogen mustard in reticulosomas and pulmonary neoplasm, 171  
—, sarcoma, 578  
—, intraperitoneal, testicular lesions after, 578  
—, necrotizing tonsillitis due to, 22  
"Nivaquine", *see* Chloroquine  
*Nocardia* extracts, tuberculo-static action in white mice, 43  
Nocardiosis, case reports, 417, 656  
Noradrenaline, circulation and, 460  
—, liberation from suprarenal gland, 183  
—, optical isomers, acute toxicity, 12  
—, vaso- and bronchomotor action in isolated perfused lungs of dog, 121  
"Novocain", *see* Procaine  
NPH 50, clinical trial, 52, 53  
"NU-445", clinical evaluation, 17  
"NU-683", pharmacology, 124  
"NU-2017", effects on neuromuscular function, 460  
—, pharmacology, 460  
"NU-2206", clinical trials, 572  
Nuclear fission, metabolism of radioactive elements created by, 28  
Nurses, health in hospital, 449  
Nutrition deficiency as cause of liver cirrhosis, 638  
—, diseases and sequelae in concentration camps, 370  
—, parenteral, by intravenous fat emulsions, 568  
—, complete, in dogs, 230  
—, in Newfoundland, survey of, 1  
—, infection in children and, 148  
—, without animal protein in emaciation, 7
- Obesity, causes and treatment, 487  
—, extracellular fluid volume in, 260  
—, sudden, and psychological trauma, 532  
Obstetric practice, survey of early, 560\*  
Oedema, acute vernal, 296  
—, angioneurotic, acute intussusception in, 608  
—, chronic and unexplained, 256  
—, electrocardiograms and, 263  
—, electrolyte partition in, 33  
—, facial, in codeine poisoning, 134  
—, fluid, removal by Southe-West Leech tubes, 611  
—, in penicillin-sodium-*p*-aminohippurate therapy, 580  
—, pulmonary, mechanism of formation, 499  
**Oesophagus**, 634-5  
—, atresia of, with tracheoesophageal fistula, 229  
—, carcinoma, cytological diagnosis, 38  
—, rotation technique for radiotherapy, 589  
—, "curling", amyl nitrite and amphétamine in, 634  
—, developmental anomalies, 342  
—, lesions in sclerodactyly, 69  
—, scleroderma, 634  
—, lower end, anatomy and function, 342  
—, motility, 284  
—, peptic ulcer of, 283  
—, short, review of 31 cases, 634  
Oestrogen(s), haematopoiesis and, 277  
—, inunction, pilosebaceous system and adrenals of rabbit and, 76  
—, precursor, storage mechanism of, 77
- Oestrus in sexually mature mice, penicillin and, 351  
Oil particles in lung, bronchogenic carcinoma and, 632  
Old age, acid phosphatase of brain in, 309  
—, and chronic sickness, 1, 113  
—, cardiology of, 375  
—, dermatoses in, 509  
—, gastric ulcers in, 636  
—, mental disturbances in, 207  
—, thyrotoxicosis in, 641  
Onchocerciasis, "hetrazan" in, 333  
Onychomycosis, differential diagnosis and treatment, 187  
—, due to *Mycotorula albicans*, 79  
Ophthalmology in Seville in eighteenth century, 560\*  
Ophthalmoplegia in diabetes mellitus, 53  
Orchitis, mumps, diethylstilboestrol in, 318  
Oriental sore in Argentina, 441  
Orthopaedic surgery in sixteenth and seventeenth centuries, 112\*, 448\*  
"Orthoxine" in bronchial asthma, 369, 485  
—, spirometric evaluation, 260  
—, bronchospasm, 279  
Osler, William, 1840-1949, 336\*  
—, on miner's phthisis, 224\*  
**Osseous system disorders**, 85-7, 306, 405-7, 518-23, 648-9  
Osteoarthritis, intra-articular injection of acid in, 649  
Osteogeny, Frederick Oldfield Ward, pioneer of, 560\*  
Osteoporosis in concentration camp, 592  
Ovarian cysts, typhoid infection of, 321  
—, function, methyl- and propyl-thiouracil and, 640  
—, insufficiency, association with coarctation of aorta, 184  
Oxophenarsine hydrochloride, lupus erythematosus discoidalis treated with, 80  
—, penicillin and, in experimental syphilis, 645  
Oxygen blood saturation in polycythaemia vera, 277  
—, consumption, measurement in man, 157  
—, deficiency, acute, cocaine and ephedrine in, 574  
—, anaemic, sensitivity of respiratory centre to, 457  
—, effect on transient ventricular fibrillation and standstill, 57  
—, human kidney and, 196  
—, haemotoxic role in high-altitude flight, 569  
—, hypertension treated with, 60  
—, neurological effects in chronic cor pulmonale, 491  
—, therapy, evaluation, 465  
*Oxyuris*, retrograde infection with, 446  
—, *vermicularis*, pulmonary fibrosis and, 630  
Ozone water, *Entamoeba histolytica* and, 439
- Padua Medical School, figures and teachers in, 224\*  
**Paediatrics**, 46-7, 148-50, 255-8, 365-7, 479-84, 606-10  
Pain, asymbolia for, 91  
—, congenital universal indifference to, 92  
—, ischaemic muscle, inhibition of water diuresis by, 231
- Pain thresholds in man, anti-pyretic drugs and, 570  
Palsy, Brödel's ulnar, historical notes, 560\*  
—, cerebral, "myanesin" in, 483  
—, facial, of central origin, 408  
"Paludrine", *see* Proguanil  
Pamaquine poisoning in man, 22  
**Pancreas**, 71-3  
—, atrophy in infants with fatty liver, 150  
—, extract as growth stimulant for *Corynebacterium diphtheriae*, 254  
—, fibrocystic disease, pulmonary lesions in, 390  
—, —, —, aureomycin in, 631  
—, —, —, therapy and prognosis, 150  
—, function, mecholyl-secretin and morphine-secretin tests of, 283  
—, —, secretin test of, 72  
—, islets of Langerhans, dextrose administration and, 359  
—, lipomatous pseudohypertrophy with absence of exocrine tissue, 143  
—, lipotropic factor, cholesterol deposition in liver and, 249  
—, —, toxic fatty infiltration of liver and, 248  
—, tumours, primary, in rats fed *p*-dimethylaminoazobenzene, 248  
Pancreatitis, chronic, clinical and pathological findings, 633  
—, —, peripheral pain in, 633  
—, —, recurrent, diagnosis, 73  
—, —, relapsing, total faecal solids, fat, and nitrogen in, 71  
—, secretin test in, 72  
Panhaemoptenia, primary splenic, 277  
Panmyelosis, 170  
"Parpanit", *see* "Parpanit"  
Papaverine in angina pectoris, 267  
Papaverine-heparin in peripheral arterial embolism, 623  
Paracelsus as chemist, 560\*  
—, cosmology of, Basle pamphlet on, 336\*  
—, surgical lectures in Basle, 1527-8, 224\*  
Paraesthesia, post-ischaemic, 204  
Paraldehyde in status epilepticus, 313  
Paralysis, familial periodic, 413  
—, gynaecomastia in, 77  
—, spastic, "intocostrin" in, 650  
—, unilateral, of sternomastoid and upper fibres of trapezius, 307  
Paraplegia, testicular examination in, 599  
"Parathon", insecticidal and toxic properties, 586  
Parathyrotoxicosis, syndrome of, 505  
Paratyphoid, chloramphenicol in, 321  
—, in infants, chloramphenicol in, 544  
—, B, chloramphenicol in, 660, 661  
Parergon, 560\*  
Parkinsonism, "artane" in, 414  
—, artificial jaundice in, 309  
—, "diparcol" in, 91  
—, electrical activity of neostriatum and paleostriatum, 199  
—, "parpanit" in, 530  
—, pyramidotomy in, 202  
—, raised metabolic rate in, effect of "parpanit" and "diparcol" on, 313  
—, thiadiphenylamine derivative in, 473  
—, trihexyphenidyl in, 530
- Parotitis, *see* Mumps  
"Parpanit", central action of, 14  
—, effect on decerebrate rigidity, spinal reflexes, and skeletal muscle, 124  
—, —, raised metabolic rate in Parkinsonism, 313  
—, in diseases of basal ganglia, 651  
—, pharmacological and toxicological studies, 15  
**Pathology**, 33-40, 142-3, 247-52, 359-61, 474-6, 595-602  
—, **clinical**, 38-40, 249-50, 600-2  
—, **experimental**, 34-6, 247-9, 595-8  
Pavlov, I. P., in development of internal medicine, 448\*  
"Pelentan", clinical trials, 354  
—, in disseminated sclerosis, 200  
Pellagra, insulin hypersensitivity in, 488  
Pemphigus neonatorum, epidemiology in maternity hospitals, 565  
—, vulgaris, streptomycin in, 298  
**Penicillin**, 20-1, 127-30, 235, 351-2, 580-1  
—, absorption, aerosol and intratracheal, 499  
—, action, borrelidin and, 18  
—, —, effects on activity of alkaline phosphatase, 42  
—, —, in anaerobic infections, 253  
—, —, oestrus of mice, 351  
—, —, clotting activity of blood and, 130  
—, —, diffusion through membranes, 130  
—, —, excretion in milk, 20  
—, —, G activity, 128  
—, —, in early syphilis, 302  
—, —, —, experimental syphilis, 645  
—, —, heated, vaccinia virus and, 603  
—, —, impure, non-specificity, 21  
—, —, in abortive treatment of syphilis, 301  
—, —, chronic suppurative disease of lung, 279  
—, —, congenital syphilis, 82, 301  
—, —, diphtheria carriers, 322, 544  
—, —, of newborn, 545  
—, —, early syphilis, 302, 515, 645  
—, —, —, serological findings in, 192  
—, —, gonococcal arthritis, 85, 194  
—, —, gonorrhoea, 646  
—, —, prophylaxis, 193, 300  
—, —, influenza meningitis, 99, 324  
—, —, late neurosyphilis, 192  
—, —, lung abscess, 389  
—, —, neurosyphilis, 400, 516  
—, —, oil and wax in syphilis, 515  
—, —, —, with aluminium monostearate, 516  
—, —, pneumococcal meningitis, 423  
—, —, pulmonary suppuration, 173  
—, —, rheumatic fever, 657  
—, —, —, in children, 446  
—, —, —, prophylaxis, 446  
—, —, scarlet fever, 422  
—, —, *Staphylococcus aureus* infections, 129  
—, —, streptococcal endocarditis, 618  
—, —, subacute bacterial endocarditis, 129, 159, 376, 491  
—, —, tabes dorsalis, 203  
—, —, tissue exudates after injection, 580  
—, —, Jarisch-Herxheimer reaction and, 191

## SUBJECT INDEX TO VOLUME 7

- Penicillin level in blood, effect of benzoic acid and caronamide on, 129  
— cerebrospinal fluid, 129, 351  
— malaria in tabes dorsalis, 203  
— neurosyphilis, 645  
— "mapharsen" and bismuth salicylate with, in experimental syphilis, 645  
— mass prophylaxis against intercurrent infections, 235  
— peripheral nerves and, 129  
— plasma concentration, effect of caronamide on, 20  
— preparations and theory of accumulation, 130  
— oral, comparison, 580  
— procaine and sodium, comparison, 351  
— in children, 20  
— syphilis, 192  
— preparations, clinical trials, 127  
— with aluminium monostearate in adults, 580  
— — — children, 127  
— G, blood and urine levels, 351  
— resistance of *Staph. aureus*, 41  
— resistant organisms, sensitization of, 128  
— staphylococcal bacteriæmia, aureomycin in, 132  
— infection, 253  
— staphylococci, bacteriophage types in, 253  
— origin, 144  
— *Staphylococcus pyogenes* in hospital, 362  
— root growth of seedlings and, 20  
— Schwartzman phenomenon with, 235  
— sensitivity, *Actinomyces bovis* and, 42  
— penicillinase producing *Staph. pyogenes* and, 42  
— sodium  $\beta$ -aminohippurate therapy, oedema and potassium loss in, 580  
— subcurative doses, 515  
— sulphamamide and, in *Erysipelothrix rhusiopathiae* infection of mice, 188  
— sulphathiazole, typhoid carriers and, 544  
— vehicles and adjuvants for, 17  
Penicillinase activity, sulphonamides and, 352  
Pentamethonium iodide, hypertension and, 271  
— peripheral circulation and, 272  
"Pentaquin" in malaria, 219  
Pentothal, see Thiopentone  
Pepsin secretion, histamine and, 177  
Periarthritis nodosa, asthma and, 50  
— sternal bone marrow examination in, 61  
Periarthritis, humero-scapular, with bursal calcification, 470  
Pericarditis, acute serofibrinous, 616  
— exudative, 155  
— in bacterial endocarditis, 156  
— Finland, 155, 374  
**Pericardium**, 155-6  
— adherent, and constrictio cordis, 155  
Peridurography, 31  
Periodic disease, review, 485  
Peritoneal lavage in uraemia, comparison with artificial kidney, 83  
Personality, narcoanalysis and "methedrine" shock in exploration of, 317  
Perspiration, see Sweat  
Pertussis, altitude flying and decompression treatment, 100, 213  
Pertussis, aureomycin in, 19  
— chloramphenicol in, 661  
— hyperimmune human serum in, 423  
— immunization, early, 545  
— "polymyxin B" in, 132  
— pulmonary complications, streptomycin in, 213  
— serotherapy, 322  
— streptomycin in, 236  
— vaccine prophylaxis, encephalopathy after, 527  
— visammin in, 661  
Petit mal, "tridione" in, 312, 530  
Petroleum ingestion, pneumonia in children after, 581  
**Pharmacology**, 10-25, 121-36, 232-41, 346-54, 458-66, 570-86  
Pharyngo-laryngeal area, tuberculosis of, streptomycin in, 430  
Pharynx, bacterial flora, comparison with nasopharynx, 603  
— "Phenergan" and "anthisan" as antihistaminics, 49  
— in chronic gastritis, 177  
Phenindamine, eczematous sensitization to topical application, 368  
— in common cold, 539  
— disseminated and circumscribed lupus erythematosus, 297  
— gastro-intestinal allergy, 368  
Phenosulfazole in poliomyelitis, 419, 420  
Phenylarsenoxide, mode of action, 82  
2-Phenylbenzylaminomethyl imidazoline, see "Antistin"  
Phenylcyclopentane carboxylic acid, diethylaminomethyl ester of, see "Parpanit"  
Phenylsemicarbazide, antipyretic action, 570  
Phlebitis and thrombo-angiitis obliterans, 623  
— curare in, 490  
Phlebotomus, see Sandfly  
Phosphatase, acid, in the senile brain, 309  
— alkaline, penicillin and, 42  
Phosphorus, radioactive, in chronic lymphatic leukaemia, 169  
— in gastric acidity suppression, 177  
— — — polycythaemia vera, 386, 387  
— — — intraneuronal injection, fate of, 9  
— — — *Myco. tuberculosis* labelled with, 427  
— — — uptake by gastric carcinoma, 635  
Phreniclasia in pulmonary tuberculosis, 434  
Phrenicotomy and pneumothorax in pulmonary tuberculosis, 553  
Phrynodermia, association with hypothyroidism and vitamin-A deficiency, 78  
Phthalylsulphacetimide in cholera, 213  
"Physoptone," and isomers, clinical evaluation, 571  
— morphine, comparison, 10  
Physical fitness, haemoglobin concentration and, 567  
— — — resting pulse rate, blood pressure, and, 567  
**Physiology**, 7-9, 119-20, 230-1, 343-5, 454-7, 567-9  
Pick's disease, pathological study, 309  
Pilocarpine, fatal poisoning after normal dose, 464  
Pinel's conception of psychopathic state, 447  
3-(N-Piperidyl)-1-cyclohexyl-1-propanol hydrochloride, see "Artane"  
Pitressin and deoxycortone acetate, antagonistic actions, 290  
— effect on sodium, potassium, and water excretion by dog, 290  
— in cholecystography, 158  
**Pituitary**, 185, 641-3  
— adenoma, x-ray therapy, 244  
— adrenal function, rheumatic disease and, 518  
— anterior, gonadotrophin of, 291  
— basophilism and eosinophilism, radiotherapy in, 356  
— glucose tolerance tests in, 74  
— radon implantation for, 335  
— — — review, 185  
— — — syndrome, 643  
— gonadotrophic function, 185  
— growth hormone, blood sugar level and, 119  
— implantation in hypophysial disturbances, 291  
— — — rheumatoid arthritis, 649  
Pituitrin and polyvinyl-pyrrolidine in diabetes insipidus, 185  
Pityriasis rubra pilaris, liver function in, 80  
Placenta abruptio in vitamin-E deficiency, 119  
— blood, transfusion of, 24  
— permeability to lymphogranuloma venereum virus, 402  
— praevia, radiological diagnosis, 358, 593  
Plague of the Philistines, 559\*  
— yellow, history, 447  
Planigraphy, see Tomography  
Plasmodia, survival in preserved blood, 25  
Plasmodium berghei, response of cotton-rat to, 669  
— *falciparum*, acquired resistance to proguanil, 443  
— — — pre-erythrocytic stage, 558  
— *gallinaceum*, action of quinine and of immunity on, 331  
— — — in chick, aureomycin and, 671  
— — — mosquitoes infected with, antimalarial drugs and, 108  
— *vivax*, Chesson strain, effect of antimalarial drugs on, 443  
— — — prophylactic action of aureomycin, 671  
Pleural effusions, mechanism of, 501  
— "shock", 501  
— thickening, localized, respiratory changes in differential diagnosis, 246  
Pleurisy, mediastinal, 388  
Pleuroneumonia-like organisms in rheumatic diseases, aureomycin and, 405  
Pneumatositis, cystic, of sigmoid, 179  
Pneumococcus types, frequency in Denmark, 1939-47, 41  
Pneumoconiosis, coal-miners', 228  
— in graphite workers, 453  
— sulphur dioxide fumes producing, 566  
— talc, 228  
Pneumonia and empyema due to *Nocardia asteroides*, 417  
— atypical, chloramphenicol in, 282  
— — — Q fever and, 541  
— due to meningopneumotropic virus, 95  
— Friedländer, acute, 282, 357  
— in children, ingestion of petroleum producing, 581  
Pneumonia in infants and children, aureomycin in, 237  
— newborn due to inhalation of gastric contents, 482  
— lobar, sterile serous effusions after sulphonamide treatment, 175  
— post-pertussis, streptomycin in, 213  
— primary atypical, aureomycin in, 174, 237, 238, 631  
— — — and chloramphenicol in, 657  
— — — infectiousness and incubation period, 565  
— suppurative, non-specific, 281  
Pneumonitis, acute, in a beryllium worker, 6  
— chronic, 500  
— — — of cholesterol type, 174  
Pneumonolysis, extra pleural, with "lucite" plombage, in pulmonary tuberculosis, 553  
Pneumoperitoneum, artificial, complicated by spontaneous pneumothorax, 280  
Pneumotherapy, cerebral, 535  
Pneumothorax and phrenectomy in pulmonary tuberculosis, 553  
— streptomycin in pulmonary tuberculosis, 216  
— artificial, induction in the home, 427  
— — — in pulmonary tuberculosis, 103  
— — — remote results, 102  
— — — effect on bronchus, 669  
— — — electrocardiographic patterns in, 151  
— extrapleural, post-operative complications, 668  
— periodical spontaneous, coinciding with menstrual cycle, 501  
— spontaneous, 105 cases, 388  
— — — complicating artificial pneumoperitoneum, 280  
Podophyllin resin, warts treated with, 81  
Polioencephalitis due to poliomyelitis virus, 319  
**Poliomyelitis**, 419-20  
— acute anterior, spasm and paralysis in, 318  
— — — severity and distribution of lesions of medulla oblongata in, 538  
— — — sympathetic nervous system involvement in, 69  
— anterior, exercise and curare in, 210  
— — — intraspinal pyridoxine and aneurin in, 538  
— — — bulbar, treatment as problem in respiratory obstruction, 420  
— — — epidemic apoplexy and, 658  
— — — epidemiology in Dorset, 5  
— — — New Zealand, 5  
— in the Arctic, 450, 451  
— incidence, 565  
— micturition disorders in, 319  
— — — non-paralytic, disease resembling, 539  
— — — phenosulfazole in, 419, 420  
— — — prodromal illness in Berlin epidemic, 1947, 419  
— — — production, acceleration of, 319\*  
— — — seventeenth-century case of, 335  
Pollen, allergic specificity of, 486  
Polyarthritis, experimental, aureomycin in, 198  
— — — thiouracil and thyroidectomy in, 87  
Polycythaemia vera, blood coagulation in, 360  
— — — oxygen saturation in, 277  
— — — circulatory and respiratory function in, 385

- Polycythaemia vera, radioactive phosphorus in, 386, 387  
—, serum proteins in, electro-photoretic analysis, 62
- Polygamy and population in eighteenth century, 224\*
- Polyganglionitis, 204
- "Polymyxin B" in pertussis, 132  
—, laboratory and clinical observations, 132  
—, clinical use, 461  
— in experimental brucellosis and tularemia, 662
- Polyneuritis, calciferol treatment and, 644
- Polyt, gastric, differential diagnosis, 591
- Polsaccharide, serum levels of, 249
- Polyvinyl-pyrrolidone and pituitrin, diabetes insipidus treated with, 185
- Population and polygamy in eighteenth century, 224\*
- Porphyria, acute, and associated electrolytic changes, 51  
—, idiopathic, presenting as progressive paresis of Landry type, 612  
—, sodium and chloride depletion in, adrenal cortex and, 50
- Posture, cerebral circulation in man and, 653  
— in pulmonary tuberculosis, 435
- , venous and right auricular pressure and, 343
- Potassium blood concentration in therapy of diabetic acidosis, 53  
— deficiency, kidney in production of, 403
- excretion, pitressin and deoxycortone acetate and, 290
- in dialysing fluid in artificial-kidney treatment, 83
- prolonged insulin coma, 317
- iodide in cholesterol-induced atherosclerosis, 163
- loss in penicillin-sodium  $\beta$ -aminohippurate therapy, 580
- metabolism in diabetic acidosis, 373
- relation to neurological manifestations of hypocalcaemic tetany, 51
- serum, in diabetic acidosis, 262
- Pott, Percivall, 336\*
- Pottery industry, lead poisoning in, 239  
—, silicosis in, 341
- Potts's operation for congenital pulmonary stenosis, 58
- Pregnancy, disseminated sclerosis and, 308
- , electric shock therapy of psychosis in, 655
- , heart disease in, 617
- , idiopathic epilepsy and, 414  
— in Addison's disease, 183
- , normal, duration of Q-T interval in, 155
- , toxæmias, cardiovascular system in, 616
- "Pregnenolone" in rheumatoid arthritis, 519
- Prickly heat, water and salt intake and, 295
- "Priscol", peripheral circulation and, 13, 572
- treatment and sympathectomy compared, 268
- Procaine, contact dermatitis due to, 296  
—, intravenous, effect on heart, 232  
—, in arthritis, 519  
— penicillin, see Penicillin-procaine
- Procaine, shock prevention by, during protein hydrolysate infusion and blood transfusion, 241
- Progesterone in rheumatoid arthritis, 648
- Proguanil in malaria in Indo-China, 108  
— resistant *Plasmodium falciparum* malaria, 443, 669  
— treatment and prophylaxis of malaria, 670
- Promin in tuberculosis, 328  
— tuberculous meningitis, 432  
"Promizole" and streptomycin in miliary tuberculosis and tuberculous meningitis, 217  
— in pulmonary tuberculosis, 668
- N-isoPropylarterenol, see "Isuprel"
- Propylthiouracil in thyrotoxicosis, 182, 640
- Prostigmin, see Neostigmine
- Protamine, blood coagulation and, 459  
—, heparin action neutralized by, 459
- Protein, Bence-Jones, of multiple myelomatosis, 171  
— deficiency in essential hypertension, 622
- , prolonged, structure of nucleus in, 476
- depletion, effect of choline on liver during, 289
- hydrolysate, buffering capacity, 71
- infusion, shock prevention by procaine, 241
- intact and pre-digested, comparative buffering capacity, 71
- metabolism, prolonged thiopentone and, 121
- requirements in marasmus, 606
- resistance to tuberculosis and, 214
- serum, in blood dyscrasias, 62
- , — liver cirrhosis, 289
- , — structure and liver function in gout, 52
- Prothrombin consumption in blood coagulation, haemophilia and, 382  
— test, clinical and theoretical implications, 601
- determination by stabilized thrombin method in control of dicumarol therapy, 476
- in human blood, 361
- , — in parenchymatous hepatitis and obstructive jaundice, 252
- time, Link-Shapiro modification of Quick's test for, 601
- , measurement and factors affecting, 584
- , streptomycin effect on, 22
- Protozoal infections**, 105-6, 219-20, 330-2, 439-41, 556-7
- Pruritis ani, radiotherapy, 29
- , riboflavin in, 80
- , tetrathyl ammonium chloride in, 189
- Psittacosis in chick embryo, action of aureomycin and chloramphenicol on, 461
- Psoriasis, arthritis and, adrenocorticotropic in, 642
- , califerol in, 79, 81
- in the Tropics and in starvation camps, 297
- , liver function in, 295
- , undecylenic acid in, 189
- Psychiatry**, 94, 207-8, 315-17, 415-16, 532-6, 654-5
- Psycho-galvanic reflex, nervous pathway of, 120
- Psychosis, adrenal cortical function in, 654
- , endogenous, acute infections and, 94
- Psychosis, group and individual therapy, 655
- , hyperthyroid, delimitation from chronic mania and hypomania, 316
- in pregnancy, electric shock therapy, 655
- , physical disorders in, 94
- , unrecognized late post-encephalitic states, 415
- Psychosomatic medicine**, 532-4
- Pteroylglutamic acid, see Folic acid
- Public health**, 1-6, 113-17, 225-8, 337-41, 449-53, 561-6
- Pulse rate, physical fitness and, 567
- Pupil, tonic, study of, 307
- Purpa annularis telangiectodes, 398  
— associated with infections, 498
- haemorrhagic, sarcoidosis and, 274
- , idiopathic thrombocytopenic, 498
- , "sedormid", blood-clot retraction by, 497
- , — cause of thrombocytopenia in, 498
- , thrombocytopenic, after rubella, 498
- , — coagulation defect in, 168, 258
- , — during TB I/698 administration, 550
- , —, "sedormid" hyper-sensitivity and, 66
- Pyelography by rapid injection of "neo-ipax", 246
- Pylorospasm, recurrence after operation, 482
- Pylorus, hypertrophic stenosis, genetic study, 118
- in evacuation of stomach, 390
- stenosis, infantile hypertrophic, 32
- Pyocyanus* sepsis, polymyxin in, 462\*
- Pyogenic infection, bacitracin in, 188
- Pyothorax, chronic tuberculous, 429
- Pyranamine maleate, see "Anthisan"
- Pyrexia in infants, sustained summer heat and, 46
- "Pyribenzamine", dermatitis after, 644
- , skin reactions to, 49
- Q fever, atypical pneumonia and, 541
- , aureomycin in, 542
- epidemiology, sheep and goats in, 115
- in Italy, with pulmonary and phlebitic involvement 541
- man and animals, 542
- Spain, 321, 541
- , radiological manifestations, 472
- Quinine in Chesson strain *Plasmodium vivax* malaria, 443
- gallinaceum malaria, spleen and, 331
- methochloride, pharmacological properties, 125
- Rabies in Danubian States, 225
- Radiation, ionizing, chemical measurement, 355
- , measurement of a dose at depth in tissue, 137
- sickness, dramamine in, 242
- Radioactive elements created by nuclear fission, metabolism, 28
- Radiodermatitis of lip after exposure to arc welding, 117
- Radiodiagnosis**, 31-2, 138-41, 245-6, 356-8, 471-3, 590-4
- Radiography, mass miniature follow-up, 426
- protection of personnel, 137
- Radiotherapy**, 29-31, 242-5, 355-6, 470-1, 588-90. See also X-ray irradiation
- supervoltage, 243
- Radium deposits in bone, 137
- poisoning, occupational, 468
- therapy at operation for cerebral glioma, 471
- of bladder carcinoma, new technique, 244
- — cervical carcinoma, 245
- — rectal carcinoma, 30
- Radon implantation for acromegaly and Cushing's syndrome, 355
- Raynaud's disease, arteriography in, 61
- phenomenon in workers with vibratory tools, 227
- Rectum, carcinoma, high-voltage x-ray therapy, 30
- , —, radium treatment, 30
- , irradiation injuries, late reactions, 470
- Reflex, psycho-galvanic, nervous pathway of, 120
- , skin-lung, in pulmonary tuberculosis, 554
- Renal, see Kidney
- Renin in blood of hypertensive patients, 381
- Renninogen in urine in pernicious anaemia, diagnostic value, 275
- Resins, synthetic, in gastric ulcer, 392
- Respiration, decamethonium iodide effect, 11
- in pulmonary anoxaemia, 174
- , mechanical, indications for, 48
- Respiratory centre, sensitivity to anaemic hypoxia, 457
- disease, air pollution in towns and, 562
- disorders**, 67-8, 172-5, 279-82, 388-9, 499-501, 629-32
- infection, handkerchiefs in transfer of, 67
- system**, 457
- tract, bacterial flora, single throat culture as index of 562
- , congenital obstructions, 255
- Rest, cardiovascular function and work performance and, 611
- Reticulo-endothelial system**, 65, 171, 278, 387
- Reticuloses, nitrogen mustard in, 171, 625
- Retina, arterial occlusion, in migraine, 531
- vascular occlusion, nature of infarcts following, 33
- Rh factor, see Blood groups
- Rheumatic fever**, 446. See also Rheumatism, acute
- in children, penicillin in, 446
- , recurrent, penicillin prophylaxis, 446
- Rheumatism, acute**, 222-3
- , cardiac lesions in, experimental induction, 223
- , compound E in, 110
- , —, following acute tonsillitis, 334
- , heparin tolerance, 333
- , —, in war and post-war periods, 223
- , —, neuropathological changes, 311
- , —, "phase" reaction and antibody detection in, 333
- , —, Q-T interval in, 537
- , —, recurrent penicillin prophylaxis, 657
- , —, salicylate therapy, 222
- , —, segmental colitis and 344

## SUBJECT INDEX TO VOLUME 7

Rheumatism, acute, sulphanilamide prophylaxis, 334  
—, *p*-aminobenzoic acid in, 87  
—, calcium succinate and acetyl-salicylic acid in, 405  
—, chronic, and anterior pituitary hormones, 406  
—, —, serum antitrypsin in, 87  
—, muscle spasm in, curare treatment, 405  
—, pituitary-adrenal function and, 518  
—, plasma viscosity in, 252, 405  
—, pleuro-pneumonia-like organisms associated with, 405  
—, "psychogenic", 198  
—, senile prostatic, 518  
—, streptococcal spreading factor and, 110  
—, syndromes, fibro-fatty tissue in relation to, 198  
—, synovial fluid examination and biopsy in, 405  
—, "TB I/698" in, 102  
Rhythm in work in hot shops, 566  
Riboflavin deficiency in diet, 612  
—, infant requirement, 454  
—, pruritus treated by, 80  
Ribs, premature calcification of, 306  
Rice diet in essential hypertension, 622  
—, —, and arteriosclerotic vascular disease, 494  
Ricin, allergic conditions in industry due to, 117  
Rickets in newborn infants, 488  
Rickettsiae, body lice, typhus vaccine and, 98  
—, *burnetii*, recovery from *Hyalomma savignyi* in Spain, 636  
Rickettsial disease, aureomycin in, 542  
Infections, 97-8, 320-1, 420-2, 540-3  
—, experimental, chloramphenicol in, 420  
Rickettsialpox, clinical and laboratory study, 656  
Rift Valley fever, laboratory infections of, 211  
Ringworm, see *Tinea*  
Rocky Mountain spotted fever, aureomycin in, 97  
—, —, liver and kidney function in, 540  
Roman legions, medical service with, 672  
Roseola infantum, 149  
Rubella, experimental production in man, 95  
—, maternal, deafness in children due to, 255  
—, thrombocytopenic purpura complicating, 498  
Russian doctors, materialistic outlook in eighteenth century, 112

St. Gallen Monastery Infirmary, A.D. 820, 559\*

Salicylates, oral, in rheumatic fever, 222

Salmine, toxicity in different species, 134

Salmonella enteritis, chloramphenicol in, 662  
—, strains, isolation of, 603  
—, *typhi* 42-A-58, induction of active immunity to, 364

Salmonellosis, chloramphenicol in, 131

Salt, see Sodium chloride

Sandfly eradication, DDT in, 337

Sandstone workers, silicosis in, 341

Sarcoidosis, 278  
—, calciferol in, 79, 625  
—, Kveim reaction in, 387  
—, miliary, 340

Sarcoidosis, osseous lesions, 246  
—, possible fungal origin, 65  
—, purpura haemorrhagica and, 274  
—, tuberculosis compared with, 387

Sarcoma, folic acid derivatives in, 577  
—, growth, aminopterin in, 248  
—, inhibition by virus of Russian Far East encephalitis, 248

Scabies, allergy in, 510

Scarlet fever, acute serous meningitis and encephalitis complicating, 99  
—, diagnosis, 422  
—, penicillin in, 422

Schick reaction, skin factor in, 147

Schistosomiasis eradication, 4  
—, "fouadine" in, 221  
—, in mice, antimonials in, 221  
—, New Zealand, 445

—, japonica, 445  
—, vesical, stibophen in, 332

Schizophrenia, 534-6  
—, auditory hallucinations and subvocal speech in, 94  
—, brain weight and changes in, 534  
—, chronic, non-diabetic glycosuria in, 316  
—, "confused", catamnetic investigations on, 415  
—, electric shock in diagnosis, 208  
—, electrothalamography in, 88  
—, insulin in, follow-up, 208  
—, prefrontal leucotomy in, 534

Schwannoma, spinal, myelography in, 140

Sciatica, disco-radicular, 307  
—, prolapsed intervertebral disk causing, 409  
—, root neuritis and, 650

Scleroderma, oesophageal lesions in, 69

Sclerodactyly, oesophageal lesions in, 634

—, pulmonary fibrosis in, 399  
—, spinal and nervous system lesions and, 190

Scleroma, cytological diagnosis, 143

Sclerosis, disseminated, adrenocorticotrophin in, 525  
—, —, anticoagulant therapy, 200  
—, —, artificial jaundice in treatment, 309  
—, —, copper sulphate in, 90  
—, —, ethylene dicoumarin and, 89  
—, —, follow-up study, 411  
—, —, histamine in, 308  
—, —, in South Africa, 90  
—, —, pathology, 90  
—, —, pregnancy and, 308  
—, —, prognosis, 651  
—, —, "solustibosan" in, 90

Scoliosis, cervico-thoracic cord disorders and, 91

Scotoma, visual, with intracranial lesions, 411

Scurvy in a Sudanese village, 488

—, tyrosine metabolism in, 487

Seabather's eruption, 295

Seasickness, see Motion sickness

Sebaceous glands, sex hormones and, 76

Secretin test, clinical studies, 72  
—, in idiopathic steatorrhoea, 283  
—, —, pancreatitis, 72

"Sedormid" purpura, cause of thrombocytopenia in, 498  
—, —, reduction of blood-clot retraction, 497  
—, —, thrombocytopenic purpura due to, 66

Semen plasma, heterologous, effect on fertilizing capacity of rabbit spermatozoa, 454

Sensation, electrical investigation, 307  
—, in hand after blood-flow arrest, 560

Sepsis in children, 148

Septicaemia due to *Bacteroides funduliformis*, aureomycin in, 324

—, —, intestinal organisms in infants, streptomycin in, 149

Sex activity, role of hormones in, 184  
—, development disorders after brain injury, 526

*Shigella* pathogenicity, 565

Shock, haemorrhagic, vaso-depressor responses to morphine after, 10

—, therapy, electric, body temperature in, 317

—, —, cortin and ketosteroid excretion and, 536

—, —, diagnostic aid in schizophrenia, 208

—, —, electroencephalogram in, 525

—, —, impairment of consciousness after, 536

—, —, in psychosis of pregnancy, 655

—, —, modifications in, 416

—, —, nikethamide with, in states of excitement, 208

—, —, peripheral circulation in, 317

—, —, insulin, in women, 536

Shoulder paralysis, isolated unilateral, 307

"Shoulder-hand" syndrome, complication of coronary artery disease, 267

Shwartzman phenomenon with penicillin, 235

Sickle-cell disease, pathological and clinical significance, 165

Sigmoid, cystic pneumatosis of, 179

Silica dust deposition in lungs, 341

Silicosis, cardiovascular effects, clinical examination, 452

—, cor pulmonale in, 264

—, disability, evaluation, 452

—, "egg-shell" calcification in, 172

—, in coal-miners, electrocardiography, 389

—, pottery industry, 341

—, sandstone workers, 341

—, Knipping-Scoz test in, 117

—, pulmonary hilar shadow changes in, 357

—, silico-tuberculosis and, mortality and survival rates in males, 451

Simmonds' disease, anaemia and arthritis in, 643

Sinus, cavernous, applied anatomy in relation to embryological development, 229

—, tuberculous, antibiotics in, 550, 664

Skin, irradiation injuries, tubercle structures in, 29

—, lesions associated with hypothyroidism and vitamin-A deficiency, 78

—, lung reflex, application to pulmonary tuberculosis, 554

—, mucinous infiltration, hyaluronidase in, 190

—, reactions to pyribenzamine and adrenaline, 49

—, transplantation in mice, 20-methylcholanthrene and, 507

—, tuberculosis, calciferol in, 79

Skull injuries in ancient Egypt, 111

—, vault tumours, radiological diagnosis, 590

Sleeping sickness, see Trypanosomiasis

Smallpox vaccination, introduction into U.S., 112\*

—, —, in persons with history of post-vaccinal encephalitis, 563

—, —, peripheral nerve and root disturbance after, 529

—, —, see also Vaccinia

—, vaccine, herpes multiplex and, 80

Sodium-m-(allylcuprothiocarbamido)-benzoate in rheumatoid arthritis, 85

—, *p*-aminosalicylic acid, resistance of *Mycobacterium tuberculosis* to, 126

—, bismuth triglycollamate in dermatology, 295

—, carboxymethylcellulose in duodenal ulcer, 391

—, —, laxative, 394

—, chloride aerosols, effect on dust in lungs, 341

—, —, and water distribution in heavy sweating, 7

—, —, —, intake in prickly heat, 295

—, —, hypertonic solution, renal responses, 231

—, —, in experimental hypertension, 620

—, —, influence on deoxycortone acetate, 183

—, lithium chloride as substitute in diet, 581

—, low extracellular, renal failure with, 305

—, —, restriction in hypertension, 494

—, tolerance test in adrenal cortex hyperfunction, 505

—, excretion, adrenal cortex activity and, 343

—, —, pitressin and deoxycortone acetate and, 290

—, ions, quaternary, in nerve physiology, 13

—, nicotinate, hyperbilirubinaemic effect, 504

—, radioactive, in measurement of regional circulation, 267

—, restriction in ambulatory hypertensive subjects, 380

—, —, hepatic cirrhosis with ascites, 504

—, and sodium salts, variations in intake, 344

—, —, succinate in barbiturate poisoning, 581

—, tetraiodophenoxyphthalene, see Iodophthalein

—, thiocyanate, cardiac output and, 156

"Solustibosan" in disseminated sclerosis, 90

"Sontoquine", see Chloroquine

Soy-bean fat, utilization of, 343

Sparteine, sulphate as diuretic 16

Speech, subvocal, in schizophrenia, 94

Sperm cells, heterologous, fertilizing capacity of rabbit, 454

Spherocytosis, hereditary, see Jaundice, familial haemolytic

Spinal cord, 528-9

—, cervico-thoracic, scoliosis as manifestation of disease of, 91

—, degeneration in pernicious anaemia, 412

—, disease, electroencephalography in, 410

—, lesions in achondroplasia, 203

—, postero-lateral column and hepatolenticular degeneration, 310

—, subacute combined degeneration, vitamin B<sub>12</sub> and liver extract in, 525

Spine, epidural space, injection of radiopaque substance into, 31

- Spine, intervertebral disks and vertebral ligaments, herniated, radiological diagnosis, 592  
— lesions, scleroderma and, 190  
— lumbar-sacral, congenital abnormalities, 32  
— nerve root area, anatomy, etc., 528  
— see also Vertebrae
- Spleen, panhaemopoenia of, 277  
— quinine treatment of *gallinaceum* malaria and, 331  
— tuberculous, radiographic picture, 246
- Spinctomyectomy, chronic neutropenia and, 170  
— cyclical agranulocytosis and, 273
- Spondylitis, ankylosing, cardiac complications in, 156  
— pulmonary disease manifestations of, 198  
— statistical studies, 86  
— rheumatoid, familial incidence, 86  
— *d*-tubocurarine in oil-wax in, 86  
— tuberculous, tomography in, 592
- Sponge, radiopaque, radiological recognition after abdominal operations, 31
- Sprue, aetiology, dietary fat in, 633  
— diagnosis and pathogenesis, 393  
— in India, 178  
— non-tropical, see Steatorrhoea  
— proteolytic activity *in vitro* of gastric juice in, 178  
— syndrome, fat metabolism and, 370  
— vitamin-A absorption in, 178  
— *B<sub>12</sub>* in, 276, 486
- Sputum examination in pulmonary adenomatosis, 500  
— in pulmonary tuberculosis, *Candida* in, 363  
— volume, effect of mood and emotional stress on, 316
- Staphylococci, penicillin-resistant, bacteriophage types in, 253
- Staphylococcus aureus* in anterior nares of children, 362  
— infections, penicillin in, 129  
— penicillin-resistant, 41, 144, 253  
— infections, aureomycin in, 238  
— *pyogenes*, infantile diarrhoea and vomiting and, 481  
— penicillin- and streptomycin-resistant, 362  
— sensitive variant colonies in penicillinase-producing strains of, 42
- Staphylocytotoxin immunity in diabetes, anatoxin and, 44
- Starvation, rehabilitation without animal protein in, 7
- Steatorrhoea, fat absorption in, 610  
— metabolism and, 370  
— glossitis and, after ileostomy, 288  
— idiopathic, duodenal secretion in, 283
- Sterility, male, 3, 182 cases, 647
- Sterilization of men, late effects, 8
- Sternum puncture and intrasternal infusions, dangers of, 475
- Steroid compounds, rheumatoid arthritis and, 520  
“Sterosan”, topical, in dermatoses, 398
- Stibophen in *Schistosoma haematobium* infection, 221  
— in vesical schistosomiasis, intensive treatment, 332
- Stilbamidine, retention in body, 105
- Stilbamidine, nervous system toxicity to, 105
- Stillbirths in Czechoslovakia, 480
- Still's disease, hormone effect, 522
- Stomach**, 69-71, 176-8, 284-7, 390-3, 502-4, 635-7  
— acidity, see Gastric acidity  
— activity, suppression with radioactive phosphorus, 177  
— carcinoma, differential diagnosis, 31  
—, electrogastrography in, 391  
—, location and extent, gastroscopy in, 71  
—, radioactive phosphorus uptake by, 635  
—, cardia, carcinoma, cytological diagnosis, 38  
—, —, radio diagnosis, ineffectiveness of, 141  
—, double contrast radiographs of, 141  
— and duodenum of hog, haemopoietic factors in, 165  
— evacuation, pylorus in, 390  
— granuloma, submucosal, with eosinophilic infiltration, 37  
— involvement in malignant lymphoma, 71  
— mucosa, appearance in vagotomy for peptic ulcer, 287  
— prolapsed, radiodiagnosis, 140  
— mucus secretion, 40  
— polyposis, radiological diagnosis, 591  
— radiography, morphine and ipecacuanha in, 141  
— secretion, see Gastric secretion  
— shape, significance for ulcer formation, 473  
— upper, carcinoma, diagnostic difficulties in, 635  
— volvulus, diagnosis, 637  
—, in infants, radiology of, 591
- Strange, John, and Switzerland, 448\*
- Streptococcus haemolytic**, spreading factor in rheumatic patients, 110  
— *viridans*, serological classification, 254
- Streptomyces fradiae*, antibiotic neomycin from, 237
- Streptomycin**, 21-2, 235-6  
— absorption and breakdown in colon, 348  
— abuse in pulmonary tuberculosis in childhood, 328  
— activity, differential effects of various electrolytes on, 43  
—, altitude hemianopia due to, 130  
— antibacterial activity, inhibition by cerebrospinal fluid, 21  
— *Bact. coli* resistant to or dependent on, 604  
— *tularensis*, effect on, 424  
— bacterial flora of throat and, 22  
— blood clotting and prothrombin times in man and, 22  
— brucella and, 131, 323  
— encephalitis, fatal toxic, due to, 348  
— equilibrium disturbances due to, 131  
— in anaerobic infections, 253  
— Crohn's disease, 393  
— cutaneous tuberculosis, 511  
— enterocolitis, 551  
— *Haem. influenzae* meningitis, 99, 484  
— miliary tuberculosis, 430, 665  
— non-specific infantile diarrhoea and vomiting, 256  
— pemphigus vulgaris, 298  
— pertussis, 236
- Streptomycin in pharyngolaryngeal tuberculosis, 430  
— post-pertussis pneumonia, 213  
— pulmonary tuberculosis, 430, 433, 666  
— *Shigella* enteritis, 423  
— subacute bacterial endocarditis, 235  
— transplacental congenital tuberculous meningitis, 431  
— tuberculosis, 216, 552  
— in children, 328, 665  
— mechanism of action, 215  
— pharmacological and therapeutic action, 328  
— tuberculous adenitis, 430  
— bronchopneumonia in children, 104  
— meningitis, 104, 431, 666  
— cerebrospinal fluid changes during, 432  
— sinuses, 550  
— tularaemia, 424  
— urinary tuberculosis, 328  
— urogenital tuberculosis, 551  
— level in cerebrospinal fluid in dogs with *Bact. coli* meningitis, 202  
— morphology of growth of *Myco. tuberculosis* and, 43  
— neurotoxic properties, 21  
— pneumothorax and, in pulmonary tuberculosis, 216  
— “promizole” and, in tuberculosis and meningitis, 217  
— repeated aspiration and, in tuberculous empyema, 551  
— resistance of Gram-negative bacilli, 145  
— *Myco. tuberculosis*, 552  
— *p*-aminosalicylic acid and, 103  
— influence of various factors in, 104  
— pulmonary cavitation and development of, 104, 433  
— resistant *Staphylococcus pyogenes*, incidence in hospital, 362  
— sensitivity of *Actinomyces bovis*, changes in, 42  
— of bacteria, 21  
— *Myco. tuberculosis*, 105\*  
— septicema and meningitis in infants treated with, 149  
— toxic effects, 578  
— ratio of dosage to body weight and, 236  
— on vestibular apparatus, 130  
— treated tuberculosis, tularensis allergy and erythrocyte sedimentation rate in, 430  
— tuberculous meningitis, follow-up, 606
- “Streptothricin VI”, production, isolation, and anti-tuberculous properties, 19
- Sturge-Weber syndrome, location of focus of epileptic discharge by electroencephalography, 650
- Subtilin, tuberculostatic effect, 103
- Succinic acid in bronchial asthma, 151
- spirographic study, 369
- Sucrose-iron preparation in anaemia, 62
- Sudan black B for staining of *Myco. tuberculosis*, 44\*
- Sugar, toxic effect on liver, prevention by choline, 595
- Sulphadiazine and chloramphenicol in experimental typhoid, 349
- in congenital toxoplasmosis in mice, 220
- Sulphamezathine and “benadryl” in infantile gastroenteritis, 149
- Sulphanilamide and penicillin in *Erysipelothrix rhusiopathiae* infection of mice, 188
- prophylaxis in rheumatic fever, 334
- Sulphathiazole in gonorrhoea, 82
- penicillin, typhoid carriers treated with, 544
- Sulphetrope in experimental tuberculosis, 328  
— pulmonary tuberculosis, 552
- Sulphonamide(s) in common contagious diseases, 338  
— gonococcal arthritis, 85  
— malaria, suppressive action, 107  
— level in blood in prophylaxis against *Plasmodium gallinaceum*, 108  
— treatment, sterile serous effusions in lobar pneumonia after, 175  
— vehicles and adjuvants for, 17
- Sulphones in tuberculosis, pharmacological and therapeutic action, 328
- Sulphur-dioxide fumes, pneumoconiosis from, 566
- Sunlight, urticaria on exposure to, 187
- Suprarenal cortex in genesis of rheumatic manifestations, 293
- glands**, 76, 183-4, 293-4, 641-3  
— effect on, of inunction with hormones, 76  
— noradrenaline liberated from, 183
- “Supronal” in subacute bacterial endocarditis, 159
- Surgeons, barber, of Edinburgh, 560\*
- of Preci and Norcia, 560\*
- Surgery, operative, first Russian textbook of, 224\*
- Sweat, biochemical changes in dermatomycoses, 79
- gland abscess, radiotherapy, 29
- Sweating, antiperspirants, action of local, 298
- heavy, salt and water distribution changes in, 7
- Sycosis, subnasal, chronic relapsing, 188
- Syme, James, 1799-1870, 224\*
- Sympathectomy, blood vessels of upper limb after, 163
- haemodynamic effects in essential hypertension, 59
- high dorsolumbar, in hypertension, 60
- in hypertension, 160, 621
- “priscol”, “etamon”, and “dibenamine” effects compared with, 268
- Syncope and seizures, 205
- Synovial fluid in rheumatoid and rheumatic arthritis, 405, 649
- Syphilis**, 191-3, 301-3, 400-2, 513-16, 645-6. See also *Treponema*
- abortive treatment, 301
- arsenoxide preparations in, 514
- aureomycin in, 303
- blood serum in, treponemal immobilization of, 513
- cardiovascular, penicillin in, 302
- congenital, bone lesions in, penicillin and combined treatment, 82
- penicillin in, 301
- contacts, prophylaxis, 82
- cutaneous, late, aureomycin in, 19
- Dattner-Thomas formula in cerebrospinal fluid in, 303

## SUBJECT INDEX TO VOLUME 7

Syphilis, diagnosis by rapid slide-test, 514  
—, early, aureomycin in, 400, 401  
—, —, chloramphenicol in, 514, 646  
—, —, penicillin treatment, 302, 645  
—, —, —, treated, reinfection and relapse, 515  
—, —, —, serological findings in, 192  
—, experimental, effects of crystalline penicillin G and impure penicillin on, 645  
—, —, penicillin, "mapharsen", and bismuth salicylate in, 645  
—, gastric, pathology and gastrointestinal diagnosis, 303  
—, identity of bejel with, 301  
—, jaundice in, 401  
—, late, intradermal skin testing with "luotest" in, 401  
—, neoaarsphenamine and bismuth in, 514  
—, penicillin in oil and wax in, 515  
—, —, procaine in oil, 192  
—, reinfection, 191  
Syringomyelia, familial lumbosacral, spinal developmental errors and, 90  
—, x-ray treatment, statistics, 242

Tabs dorsalis, penicillin and penicillin-malaria in, 203  
—, treatments, evaluation of, 192

Talc pneumoconiosis, 228

TB<sub>1</sub>, see also Thiosemicarbazone  
— and TB IV in cavernous pulmonary tuberculosis, 436

TB I/698, see also Thiosemicarbazone  
— and TB IV in tuberculous meningitis, 549  
— in lupus, side-effects, 189  
— tuberculosis and rheumatism, 102  
—, —, pulmonary, 326, 666  
— tuberculous empyema, 549, 550  
— treatment, haematological findings, 550

TB I/698 E, toxic effects, 550

Teeth, molar, erosion by acid beverages, 502  
— opacity, fluorine poisoning and, 176  
—, serological classification of *viridans* streptococci from, 254

Telangiectasis, primary diffuse, 512

Temperature extremes, hormonal alterations and, 182  
—, low, heart injury in rabbits and, 611  
—, vascular reactions in fingers, 568  
— of tissue and arterial blood in resting human forearm, 456

Teroperitin in pernicious anaemia, 383  
— sarcoma, 577

Testis changes in paraplegia, 599

Testosterone propionate absorption and excretion, mode of administration and, 77

Tetanus, hospital-infected cases, source of, 562  
— toxin, gaseous products of growth and, 41

Tetany, hypocalcaemic, neurological manifestations, relation of potassium to, 51

Tetraethylammonium bromide, effect on gastric secretion and motility, 391  
—, —, kidneys, 123  
— in hypertension and peripheral vascular disease, 379  
—, sudden death from, 123

Tetraethylammonium chloride, effect on cardiovascular reactions to gravitational changes, 345  
—, —, — peripheral blood flow, 268  
—, —, — in peripheral vascular disease, 271  
—, —, — intravenous, effect on electrocardiogram, 154  
—, —, — "itchy skin" inhibited by, 189

Tetrathethyl pyrophosphate, effects in man, 122  
—, —, — in myasthenia gravis, 122  
—, —, — sympathetic effect, comparison with sympathectomy, 268

Tetraethylthiuramdisulphide, see "Antabus"

"Tetramycin", antibiotic properties, 579

Thalamus, *état marqué* of, after birth injury, 203

"Thalamyd" in cholera, 213

"Thenfadil", toxic properties, 463

Theophylline ethylene diamine and renal function in congestive heart failure, 617

"Thephorin", see Phenindamine

**Therapeutics**, 24-5, 121-36, 232-41, 354, 405-6, 584-6

Thiamin, see Aneurin

Thioarsenates in amoebiasis, 440

Thiocyanate in hypertension, 620

— and thyrotropin, paradoxical effects on organic binding of iodine by thyroid, 293

—, toxic action, mechanism, 134

Thiocytosine in thyrotoxicosis, 293

Thiomerin, cardiopressive effects, 577\*

— in congestive heart failure, 233  
— toxicity, 233

Thiophanion derivatives, ganglion blocking activity, 347

Thiosemicarbazone, see also "TB I/698"  
—, experimental tuberculosis and, 126  
— in tuberculosis of children, 437  
—, pulmonary, 437  
—, surgical, 436

Thiopentone anaesthesia, carbohydrate and protein metabolism and, 121

— in extrapyramidal syndromes, 202

Thiouracil, atherosclerosis produced by, 163  
—, blood and bone marrow and, 273  
— compounds, antithyroid activity, 640  
—, gastric secretion and, 182  
— in experimental polyarthritides, 87  
— juvenile thyrotoxicosis, 506  
— thyrotoxic auricular fibrillation, 57  
— thyrotoxicosis, liver damage after, 506  
—, ovarian function and, 640  
— with iodide, 640

Thiourea, blood and bone marrow and, 273  
—, toxic effects, 582

Thompson, Ashburton, and the plague, 672\*

Thoracoplasty, homolateral, effect of paralysed hemidiaphragm on, 434  
— in pulmonary tuberculosis, 434  
—, late relapse in collapsed zone of lung after, 214

Thorotrust, late injuries from, 587

Throat, bacterial flora, streptomycin and, 22

Thrombo-angiitis obliterans diagnosis, phlebitis and, 623  
—, —, hypoglycaemia in treatment, 375

Thrombocytopenia in tissues and urine, test for, 475

Thrombocytopenia and increased capillary fragility in liver disease, 168

— in "sedormid" purpura, 498

Thrombo-embolism, blood platelet changes in, 490

—, heparin tolerance test for, 251

Thrombophlebitis migrans, visceral, 61  
—, post-operative blood coagulation in, 251

Thrombosis, cerebral, factors affecting prognosis, 527

—, stellate ganglion block in, 652

—, coronary artery, blood cholesterol content, 619

—, generalized blood platelet, 274

— of internal carotid artery, 653

—, —, intracranial veins, 309

—, non-traumatic, of carotid artery, 652

—, venous, anticoagulants in, 61

Thrombus, fibrin and endothelial-cell, acronecrosis due to, 374

— formation, modern concepts of, 490

Thymidine in pernicious anaemia, 165

Thymus shadows, abnormal, artificial anterior pneumo-mediastinum and, 590

**Thyroid**, 74-6, 182-3, 291-3, 506-8, 640-1  
— carcinoma, radioiodine in, 588  
—, compensatory hypertrophy of kidney after nephrectomy and, 75  
— deficiency, coeliac syndrome and, 47  
—, excitability of peripheral nerves and, 75  
—, induced, effect on responsiveness to gonadotrophins, 75  
—, skin lesions and, 78  
—, desiccated, in cholesterol-induced atherosclerosis, 163  
— function, radioactive iodine in measurement, 396  
—, —, relation of "tridine" to, 506  
—, iodine utilization, effect of the iodide ion on, 506  
—, organic binding of iodine by, 293

Thyroidectomy in experimental polyarthritis, 87

Thyroiditis, subacute, treatment, 396

Thyrotoxicosis, auricular fibrillation in, thiouracil in, 57

—, basal metabolism in, "di-parox" and, 346

— diagnosis, urinary excretion of radioactive iodine in, 396, 397

—, extracellular fluid in, 396

—, glucose tolerance tests in, 74

— in children, propylthiouracil in, 640

— old age, 641

—, induced, effect on responsiveness to gonadotrophins, 75

—, iodothiouracil, thiocytosine, and (Ca)-4-n-propyl-6-oxypyrimidyl-2-mercaptoacetic acid treatments, 293

—, juvenile, thiouracil and, 506

—, mercury poisoning and, 23

—, propylthiouracil in, 182

—, radioactive iodine in, 507-8

—, seasonal variations in, 640

Thyrotoxicosis, serum level of protein-bound radioactive iodine in diagnosis, 74

—, thiouracil treatment, liver damage after, 506

Thyrotropin and thiocyanate, effects on organic binding of iodine by thyroid, 293

Thyroxine antagonist, benzoic acid as, 75

— in myxoedema, 641

Tick-bite fever, aureomycin in, 132

Tinea capitis, manual epilation in, 399

—, treatment, 297

Tissue changes in total body irradiation, 469

— temperature in resting human forearm, 456

Tobacco addiction, early literature on, 336\*

— smoking, pulmonary carcinoma and, 632

Tocopherol, blood level of, in cardiac patients, 157

"Tolserol", see "Myanesin"

Tomatin, *Histoplasma capsulatum* inhibited by, 209

Tomogram of normal vertebrae, 245

Tomography in bladder examination, 592

— bronchial carcinoma, 139

— pulmonary tuberculosis, 357

— tuberculous spondylitis, 592

— vertebral arthritis, 245

— pneumoperitoneum and, in investigation of intraperitoneal and retroperitoneal viscera, 592

Tonsillitis, acute, antistreptolysin titre in, 334

—, necrotizing, due to nitrogen mustard, 22

Torticollis, spasmodic, physiological analysis, 314

Toruslosis, see Cryptococciosis

**Toxicology**, 22-3, 133-5, 239, 352-4, 462-5, 581-4

—, **Industrial**, 23-4, 239-41

Toxoplasmosis, congenital, 478

—, —, sulphadiazine and anti-serum in mice, 220

—, human, serological diagnosis, 146

—, laboratory diagnosis, 476\*

Trachea, congenital obstruction, 255

—, tuberculosis of, 547

Trendelenburg position, historical notes on, 559

**Treponema** immobilization test of normal and syphilitic sera, 513

— *pallidum*, aureomycin and, 303

—, cultivation, 302

Trichophytin, urticarial reactions to, 79

"Tridine", thyroid function and, 506

"Tridione" in minor epilepsy, 205, 312, 530

Triethylene glycol in air disinfection, 561

—, bactericidal action, 561

Trihexyphenidyl, see "Artane"

Trimethylammonium group in acetylcholine, specificity of, 124

Trimethylenetrinitroamine poisoning, epileptic attacks in, 23

"Tromexan", see "Pelantan"

Trotter, Thomas, 1760-1832, 336\*

*Trypanosoma cruzi*, incidence in *Triatoma* in Texas, 331  
*Trypanosomiasis* control, planning of, 226  
*Tsutsugamushi disease*, chloramphenicol in, 320, 421  
 —, immunity in guinea-pigs, 98  
*Tubercle bacillus*, see *Mycobacterium tuberculosis*  
*Tuberculin* allergy in streptomycin-treated tuberculosis, 430  
 — from B.C.G. cultures, 101  
 — hypersensitivity, cutaneous, cellular transfer of, 364  
 — leukergy production by, as test of tuberculosis activity, 363  
 — patch test, modifications, 426  
 — P.P.D., in non-pulmonary tuberculosis, 326  
 — test in children, 362  
 — — streptomycin-treated tuberculosis meningitis, 101-5, 214-19, 325-30, 425-38, 547-56, 663-9  
 — activity, leukergy production by tuberculin as test of, 363  
 —  $\beta$ -aminobenzoic acid in, 438  
 — aortic, haemogenous tuberculosis, and, 426  
 — antihistaminic drugs in, 215  
 — bacillus, see *Mycobacterium*  
 — bronchial, 547, 555  
 — diagnosis and treatment, 426  
 — coccidioidomycosis, disseminated, associated with, 417  
 — cutaneous, calciferol in, 188  
 — streptomycin in, 511  
 — dihydrostreptomycin in, 664  
 — experimental,  $\beta$ -aminosalicylic acid in, 437  
 — cosmic radiation in, 34  
 — high altitude and, 34  
 — thiosemicarbazone in, 126  
 — infection from dogs, 425  
 — in children, cardiac changes in, 247  
 — streptomycin in, 328, 665  
 — — abuse of, 328  
 — Europe during and after World War II, 547  
 — Indonesians, 325, 428  
 — liver and spleen, radiographic picture, 246  
 — nurses, 15-year follow-up study, 428  
 — laryngeal, TB I/698 E therapy, 549  
 — lymphohaematogenous, and disseminated coccidioidomycosis, 109  
 — mass radiography in, follow-up study, 426  
 — military, liver biopsy in, 429  
 — self-induced, 665  
 — streptomycin in, 430  
 — — — "promizole" in, 217  
 — mortality in childhood, 114  
 — "neohetramine" in, 215  
 — non-pulmonary, P.P.D. treatment, 326  
 — thiosemicarbazone in, 436  
 — pulmonary,  $\beta$ -aminosalicylic acid in, 217, 218, 667  
 — — artificial pneumothorax in, 103  
 — — bronchial lavage in, 554  
 — — bronchogenic carcinoma associated with, 175  
 — — — seeding and spread, 435  
 — — *Candida* in sputum from, 363  
 — — cavernous, TB I and TB IV treatment, 436  
 — — cavitation in apex of lower lobe in, 214  
 — — — development of streptomycin-resistant *Mycobacterium tuberculosis* and, 433

Tuberculosis, pulmonary, cavitation, elastic, specific allergic theory of, 547  
 — — — prognosis of healed, 547  
 — — — spontaneous healing of, 669  
 — — — in children, streptomycin in, 433  
 — — — collapse therapy, 102  
 — — — contralateral relapse after unilateral collapse therapy, 325  
 — — — "early foci" in, 218  
 — — — extrapleural pneumonolysis with "lucite" plombage in, 553  
 — — — functional lung segments and signs of neural influence on, 555  
 — — — hypoxaemic changes in circulation in, 555  
 — — — intradermal streptomycin in, 552  
 — — — Klare's scheme and course of, 553  
 — — — nitrogen mustard for, 16  
 — — — phreniclasis in, 434  
 — — — plasma viscosity in, 252  
 — — — pneumothorax and phrenectomy in, interpretation, 553  
 — — — posture in treatment, 435  
 — — — "promizole" in, 668  
 — — — Rasmussen's aneurysms and fatal haemorrhage in, 556\*  
 — — — relapse in, 101  
 — — — secondary intestinal tuberculosis with,  $\beta$ -aminosalicylic acid in, 327  
 — — — skin-lung reflex in, 554  
 — — — streptomycin in, 430, 433  
 — — — — and pneumothorax in, 216  
 — — — sulphurone "in, 552  
 — — — "TB I/698" in, 326, 666  
 — — — thiosemicarbazone, intra-cavernous in, 437  
 — — — thoracoplasty in, 434  
 — — — tomography in, 357  
 — — rehabilitation and resettlement in, 449  
 — — renal, pulmonary and urogenital tuberculosis in pathogenesis, 435  
 — — resistance, role of protein in, 214  
 — — skin, vitamin D treatment, 644  
 — — specialist, V. A. Manassein, 336\*  
 — — streptomycin in, mechanism of action, 215  
 — — — 400 cases, 216  
 — — — treated, tuberculin allergy and erythrocyte sedimentation rate in, 430  
 — — sulphones and streptomycin in, 328  
 — — "TB I/698" in, 102, 549, 550  
 — — thiosemicarbazone in, toxic effects in children, 437  
 — — tracheal and bronchial, 547  
 — — urinary tract,  $\beta$ -aminosalicylic acid and streptomycin in, 328  
 — — urogenital, streptomycin in, 551  
 — — vaccination with murine type of tubercle bacillus, 3  
*Tubocurarine*, dimethyl-, and regulation of blood pressure, 15  
 — iodide, dimethyl ether of, pharmacology, 125  
 — in oil-wax suspension in rheumatoid spondylitis, 86  
*Tularaemia*, aureomycin in, 324, 546  
 — experimental, polymyxin in, 662  
 — in Paris, 663  
 — morbid anatomy and histology, 474  
 — streptomycin in, 424

*Tularaemia* transmission in Arkansas, changing picture of, 4  
*Tumour* identification, heterologous bio-cytoculture for, 248  
 — mouse, propagation by dried tissue, 247  
 — tissue, water movement in, 142  
 — vesical, in workers in chemical industry, 6  
*Tungsten* poisoning, BAL in, 240  
*Typhoid*, aureomycin and chloramphenicol in, 131  
 — carriers, chloramphenicol in, 543, 660  
 — — penicillin-sulphathiazole treatment, 544  
 — — protective measures against, 226  
 — chloramphenicol in, 237, 321, 322, 422, 543, 544  
 — encephalitic, chloramphenicol in, 349  
 — infection of ovarian cysts, 321  
 — vaccine, renal manifestations of glomerulonephritis and, 195  
*Typhus*,  $\beta$ -aminobenzoic acid in, 543  
 — epidemic, in south-western Arabia, 114  
 — exanthematos, aureomycin in, 320  
 — haematopoietic system in, analysis of changes in, 321  
 — laboratory infections, relation to epidemiology, 98  
 — murine, vaccination, antibody response to, 97  
 — scrub, see *Tsutsugamushi disease*  
 — vaccine, effect on ricketsiae in body lice, 98  
*Tyrosine* metabolism in scurvy 487  
 "Tysolvin", antibacterial action *in vitro*, 349

*Ulcer*, duodenal, casein hydrolysate, milk, and milk-cream effect, 286  
 — — in infants, 607  
 — — sodium carboxymethylcellulose as antacid in management of, 391  
 — — — gastric; benign, nocturnal gastric secretion in, 71  
 — — — chronic, nitrogen mustard in, 636  
 — — — differential diagnosis from carcinoma, 31  
 — — — duodenal and, early descriptions, 559\*  
 — — — prolonged meadowl producing, 285  
 — — — experimental production 503  
 — — — in old age, 636  
 — — — stomach shape, significance of, 473  
 — — — synthetic resins in, 392  
 — — — gastroduodenal, bismuth in, 503  
 — — leg, arteriosclerosis obliterans as cause of, 622  
 — — — gravitational, 295  
 — — mouth, local aureomycin in, 390  
 — — peptic, acidity in pathogenesis, 286  
 — — — anti-peptic and antacid therapy, 176  
 — — — chronic, haematemesis in, 70  
 — — — — nitrogen balance in, 286  
 — — — — glucose tolerance in, 176  
 — — — — in childhood, 482  
 — — — — factory workers, 115  
 — — — — indications for gastrectomy in, 637  
 — — — — medical treatment, follow-up study, 176

Vaccination, smallpox, see Smallpox vaccination  
*Tuberculosis*, with murine type of tubercle bacillus, 3  
 — typhus, murine, antibody response to, 97  
*Vaccinia* infection in cattle, 657  
 — virus, heated penicillin and, 603  
 — — — infection in children with atopic dermatitis, 78  
*Vagotomy*, immediate and late results, 391  
 — for peptic ulcer, gastric mucosa appearance, 287  
 — — psychiatric aspects, 287  
*Val-de-Grace*, military hospital of, 560\*  
*Vanadium* poisoning BAL in 240

## SUBJECT INDEX TO VOLUME 7

- Van Buren, William H., New York physician in nineteenth century, 112\*
- "Vanishing cream", effect on skin of "carbitol" in, 186
- Vaquez-Osier's disease, 170
- Vascular diseases, deoxycortone and anterior pituitary preparation causing, 475
- , peripheral, iontophoresis in, 271
- , —, tetraethylammonium bromide in, 379
- , —, chloride in, 271
- Vas deferens, ligation, late effects of, 8
- Vasomotor tone, effect of tetraethylammonium salts on, 268
- Vegetable gums, allergic disorders and, 259
- Veins, intracranial, thrombosis of, 309
- of leg, function of, 163
- , portal, obstruction, diagnosis by intestinal absorption of glucose, 390
- , pulmonary, aberrant insertion associated with interatrial septal defect, 356
- , —, right, anomaly diagnosed during life, 266
- Vena cava, superior, obstruction, 162
- , —, —, in primary carcinoma of lung, 389
- Venereal diseases**, 82, 191-4, 300-3, 400-2, 513-16, 645-6
- , circumcision and, 300
- , social history and advertisements on treatment, 224\*
- Veratrum viride, chemical fractions, assay in man, 573
- , effect on essential hypertension, 161
- "Verloid", hypotensive extract from veratrum viride, 271
- Verrucosis, generalized, epidermodysplasia verruciformis and, 298
- Vertebrae, closed fractures, nervous sequelae, role of segmental arachnoiditis in, 203
- Vertebrae, diseases of, tomography in, 245
- , tomograms of normal, 245
- , upper cervical, non-pathological variations in, 358
- Vesalius's *Fabrica* and imitative works, anatomical tabulae and initial letters in, 336\*
- Vestibular apparatus, toxic effect of streptomycin on, 130
- Vibratory tools, Raynaud's phenomenon in workers with, 227
- "Vigantol", see Calciferol
- Virus infections**, 95-7, 209-11, 318-20, 418-19, 537-40, 657-9
- infectivity, neutralization by thermolabile component of serum, 477
- (JHM), isolation, biological properties, and pathology, 477
- , thermolabile component of serum combining with, 477
- Visammin, coronary vasodilator action, 56
- treatment of pertussis, 661
- Viscera, intra- and retroperitoneal, tomography with pneumoperitoneum in investigation of, 592
- Vitamin A absorption in sprue, 178
- deficiency, skin lesions associated with, 78
- in hypertension, 270
- ichthyosis, 644
- origin and prophylaxis of amyloidosis, 474
- tuberculous meningitis, 432
- B complex, synthetic, in glossitis of Addisonian pernicious anaemia, 276
- excretion in diabetes, 373
- B<sub>1</sub>, see Aneurin
- B<sub>2</sub>, see Riboflavin
- B<sub>12</sub>, effect on urinary phenol fractions in pernicious anaemia, 626
- in combined degeneration of spinal cord in pernicious anaemia, 412
- Vitamin B<sub>12</sub>, in megaloblastic anaemia of infancy, 626
- — — pernicious anaemia, 626
- — — resistance, 627
- — — and nutritional macrocytic anaemia and sprue, 276
- — — subacute combined degeneration of spinal cord, 525
- — — tropical sprue in relapse, 486
- C deficiency in diets of Sudanese village, 488
- — metabolism, effect of calcium ascorbate on, 232
- D, "promanide" and, in tuberculoid leprosy, 543
- in skin tuberculosis, 644
- — therapy, toxic effects, 189
- D<sub>2</sub>, see Calciferol
- E deficiency, abruptio placenta in, 119
- in diabetes mellitus, 489
- therapy in allergic conditions, 151
- Volvulus, gastric, in infants, radiology of, 591
- Vomiting, cyclical, in infancy, 482
- War neuroses of children, 484
- Ward, Frederick Oldfield, pioneer of osteogeny, 560\*
- Warts, podophyllium resin in, 81
- Water deprivation, renal haemodynamics and, 120
- exchange after blood transfusion, 466
- hemlock, poisoning by, 583
- movement in normal and tumour tissues removed from body, 142
- and salt distribution in heavy sweating, 7
- — intake, prickly heat and, 293
- Waterhouse, Benjamin, and introduction of vaccination into United States, 112\*
- Weight increase in infants after B.C.G. vaccination, 337
- Weil's disease in north-east Scotland, 340
- Wheat germ in infant feeding, 46
- Whitlows, x-ray treatment, 243
- Whooping-cough, see Pertussis
- Wilson's disease, carbohydrate metabolism disturbances in, 203
- — — postero-lateral column degeneration and, 310
- Withering, William, 560\*
- "Win 1011" and "Win 246", effect on *Entamoeba*, 440
- Wolf-Parkinson-White syndrome with paroxysmal AV-nodal tachycardia, haemodynamic studies of, 158
- Wound healing, cortisone and, 643
- Wry-neck, see Torticollis
- Xanthopterin, effect on haemopoiesis and growth in rats, 66
- X-ray irradiation, heart and circulation and, 468
- — injuries of bladder and rectum, 470
- — foetal, 243
- — natural resistance to infection in rheumatoid arthritis and, 587
- — wide-field, platelet count in control of, 589
- —, see also Radiotherapy
- "Xylocain", isomers and homologues of, pharmacological properties, 458
- Yellow fever at Boa Vista, 559\*
- — sylvan, outbreak in Uganda, 96
- Zinc content of erythrocytes, relation to carbonic anhydrase activity, 63
- — — whole blood, plasma, leucocytes, and erythrocytes in anaemias, 63

## AUTHOR INDEX TO VOLUME 7

JANUARY—JUNE 1950

References are to page numbers. An asterisk denotes title and reference only.

orth-east  
eding, 46  
nt, 243  
rtuss  
hydrate  
ances in,  
column  
n 246",  
40  
syn-  
nal AV-  
haemo-  
8  
ne and,  
  
haema-  
in rats,  
art and  
der and  
to in-  
arthritis  
et count  
apy  
d homo-  
logical  
  
ta, 559°  
ak in  
  
rocytes,  
hydride  
  
plasma,  
rocytes  
  
ALANSONEN, A., 325  
AAS, K., 123, 375  
ABAZA, A., 649  
ABBOTT, L. D., 626  
ABBOTT, O. A., 594\*  
ABDEL KADER, M. M., 119\*  
ABEATIĆI, S., 355  
ABEL, R. G., 575  
ABERNETHY, T. J., 562, 603  
ABELINS, J. A., 358  
ABRAHAM, E. P., 579\*  
ABRAHAMS, D. G., 333, 537  
ABRAMSON, H. A., 49  
ABUL-FADL, M. A. M., 567\*  
ACHESON, G. H., 11, 572  
ACKERMANN, L. B., 556\*  
ACKROYD, J. F., 7, 66, 497, 498  
ADAMS, A. R. D., 443  
ADAMS, E. B., 277  
ADAMS, E. E., 397  
ADAMS, F. H., 364\*  
ADAMS, G. D., 138  
ADAMS, J. E., 91  
ADAMS, J. M., 364\*  
ADAMS, R. D., 92, 257  
ADAMSON, C. A., 145\*  
ADAMSON, J. D., 450  
ADELSBERGER, L., 430  
ADLER, D. K., 127  
AFANASEVA, V. M., 247  
AGATE, J. N., 227, 467  
AGNEW, L. R. C., 45\*  
AGRESS, C. M., 183\*, 374  
AHRENS, E. H., 504  
AIDAR, O., 569  
AIKAWA, J. K., 147  
AITKEN, G. A., 23\*  
AITOFF, V., 584  
AKIMOVA, V. V., 253  
AKRAWI, F., 301  
ALAIN, M., 100  
ALBERT, A., 291, 294  
ALBIN, M. B., 423  
ALBOU, A., 349  
ALBRIGHT, F., 51  
ALDMAN, B., 77  
ALDRIDGE, A. O., 224\*  
ALDRIDGE, W. N., 464  
ALEKSANDROWICZ, J., 16, 65  
ALEXANDER, B., 142\*  
ALEXANDER, F., 160  
ALEXANDER, H., 555  
ALEXANDER, H. E., 145  
ALEXANDER, J. L., 301, 515  
ALEXANDER, S. B., 293  
ALEXANDER, W. R. M., 648  
ALFORD, W. C., 341, 464\*  
ALIMURUNG, M. M., 490  
ALLANBY, K. D., 59, 493  
ALLARD, —, 431  
ALLEN, D. I., 8  
ALLEN, F. H., 497  
ALLEN, J. G., 587\*  
ALLEN, R. M., 532  
ALLEN, T. C., 236  
ALLIOT, M., 206  
ALLISON, A., 506  
ALLSOPP, C. B., 36\*  
ALMY, G. M., 138  
ALTSMANN, R., 591  
ALTON, O. M., 135  
ALTSCHULE, M. D., 63  
ALVAREZ SÁINZ DE AJA, E., 189  
ALVAREZ, W. C., 316  
ALWALL, N., 197\*  
ALZAMORA-CASTRO, V., 54  
AMBACHE, N., 9\*  
AMELI, N. O., 652  
AMICI, R., 242  
AMILI, L. A., 665  
AMOUSSOU, —, 208  
AMSTERDAM, S. D., 446

AMYES, E. W., 652  
ANANENKO, E., 126  
ANASTASOPOULOS, G., 584  
ANDERSEN, D. A., 329  
ANDERSEN, D. H., 150  
ANDERSEN, H. A., 38  
ANDERSEN, P. E., 589  
ANDERSON, D., 438  
ANDERSON, E., 643  
ANDERSON, H. H., 440  
ANDERSON, P. M., 329\*  
ANDERSON, S. G., 95  
ANDRÉ, M. J., 464  
ANDREANI, G., 308  
ANDREAS, E., 171  
ANDREOLE, E., 87  
ANDREWS, C. T., 384  
ANDREWS, G. W. S., 127  
ANDRINI, F., 330\*  
ANGHELESCO, A., 118\*  
ANNING, S. T., 295  
ANREP, G. V., 56  
ANSON, B. J., 336\*  
ANTONI, H. N., 598  
ANTUNES, A., 511  
ANTZ, H., 308  
APGAR, V., 233\*  
APPEL, M., 68  
APPELBAUM, E., 423  
APPELGREN, A., 520  
APRA, A. A., 190\*  
AP SIMON, D. J., 562  
APT, L., 353  
APTER, L., 256  
AKRAMBURU, T., 166, 276, 411  
ARBUCKLE, R. K., 139  
ARCADI, J. A., 517  
ARENSON, N., 608  
ARIEFF, A. J., 318  
ARJONA, E., 144  
ARKADYEVSKII, A. A., 566  
ARMEN, R. N., 155  
ARMSTRONG, B. W., 361\*  
ARMSTRONG, T. G., 106  
ARMSTRONG, W. C., 429\*  
ARNDT, T., 549\*  
ARNOLD, O. H., 535  
ARNOLD, P., 271, 272  
ARNOLD, R. C., 645  
ARNOTT, D. G., 397  
ARNOTT, W. M., 259  
ARONOFF, S., 61\*  
ARRECHE, C. C., 446  
ARRIAGA CANTULLREA, J., 560\*  
ARRIAGADA, A., 461, 579\*  
ARRUDA, E., 584\*  
ASHBY, D. W., 652  
ASHBY, W. R., 536  
ASHEN-BRUCKER, H., 383  
ASHER, R., 292  
ASHFORD, C. A., 177  
ASKEY, J. M., 57  
ASPIN, J., 426  
ASTWOOD, E. B., 76\*  
AUB, J. C., 6\*  
AUDOYE, —, 663  
AUERBACH, O., 547, 599  
AUERSPERG, A., 569  
AUERSWALD, W., 317  
AUSTIN, G., 410  
AUSTIN, G. M., 160  
AUSTIN, V. T., 138  
AUTERA, L., 270  
AUZEPY, P., 328  
D'AVIGNON, M., 496  
AXELROD, A. R., 164  
AYKROYD, W. R., 1  
AYRES, S., 80  
AYVAZIAN, L. F., 428  
AZAR, J. E., 332  
AZULAY, R. D., 511  
AZZOPARDI, P. G., 68  
BABAYANTS, R. A., 562  
BABKIN, B. P., 567\*  
BACH, F., 86\*  
BACHMAN, A. L., 244  
BACKER, M., 118\*  
BACON, E. K., 345\*  
BACON, H. E., 254\*  
BACQ, Z. M., 156  
BADER, R. A., 182  
BADGER, G. F., 562, 603  
BADGER, T. L., 428  
BADOSA-GASPAR, J., 635  
BADRICK, F. E., 396  
BAER, H., 567  
BAER, R. L., 189  
BAER-HESS, V., 654  
BAGNALL, D. J. T., 453, 566  
BAHN, R. C., 638  
BAILEY, C. A., 402  
BAILEY, O. T., 477  
BAILEY, R., 337  
BAIN, W. A., 49  
BAIRD, J. W., 537  
BAIRD, M. E., 352  
BAKER, A. B., 308  
BAKER, A. H., 301  
BAKER, C., 67  
BAKER, L. A., 261\*  
BAKKE, J. L., 89  
BALABAN, M., 137  
BALDI, G., 24  
BALDRIDGE, G. D., 578  
BALDUINI, M., 616\*  
BALDWYN, D. S., 195  
BALDWYN, E. de F., 173  
BALI, T., 249\*  
BALL, K. P., 61  
BALLANTINE, H. T., 268  
BALTHAZARD, V., 27  
BANERJEE, D., 322\*  
BANFIELD, W. G., 578  
BANG, H. C., 40, 494  
BANKER, D. D., 544  
BARACH, A. L., 328\*  
BARANAO, A., 249  
BARANOV, V. G., 112, 270  
BARBER, M., 42, 253  
BARBERI, S., 332\*  
BARBIERI, L. L., 80  
BARCROFT, H., 163, 575  
BARER, A. P., 64\*  
BARGEN, J. A., 393  
BARIATTI, R., 182  
BARIBEAU, B. J., 45\*  
BARYLYAK, R. A., 143  
BARKER, H. G., 574  
BARKER, L. P., 656  
BARKER, P. S., 159  
BARLOW, C. H., 221  
BARNES, A. R., 110  
BARNES, E. M., 18  
BARNES, J., 672  
BARNES, J. M., 464  
BARNES, Z. B., 546  
BARONI, V., 551\*, 669  
BARR, M., 45\*, 563  
BARRERA, S. E., 317  
BARRETT, R. H., 581  
BARRON, S. S., 359  
BARSOTTI, M., 23, 116  
BARSOUM, G. S., 56  
BARTA, L., 484\*  
BARTELS, C. C., 60  
BARTELS, E. C., 641  
BARTELS, H. L. J. M., 64  
BARTON, H. C., 39  
BARTON, R. L., 302  
BARWELL, C. F., 600  
BASTIN, R., 328  
BASNUERO, J. G., 444  
BASS, D. E., 182  
BASS, H. E., 172  
BASSET, A., 135\*

BAST, T. H., 112  
BASTIEN, J., 160  
BASTRUP-MADSEN, P., 35\*  
BATSON, H. C., 605  
BATTERMAN, R. C., 85, 233  
BATTIGALLI, O., 330\*  
BATTILANA, G., 54  
BATTISTINI, G., 44  
BATTLE, W. D., 576  
BATTY, I., 146  
BAUER, D. J., 477\*  
BAUER, E. G., 290  
BAUER, F. C., 230\*  
BAUER, R., 589  
BAUER, T. J., 302  
BAYAN, A. P., 43  
BAYLES, T. B., 518  
BAYLISS, R. I. S., 618  
BAZ, I. I., 537\*  
BAZETT, H. C., 455  
BEADLES, J. R., 568  
BEAKEY, J. F., 279, 499  
BEAL, G. A., 663  
BEARD, E. E., 405  
BEARD, J. W., 562, 603  
BEARDSLEY, F. A., 104, 105  
BEARE, J. M., 80  
BEATTIE, E. J., 631\*  
BEATTY, J. O., 580  
BEAUVILLAIN, A., 241  
BECHGAARD, F., 83, 381, 494  
BECK, I. T., 14  
BECK, V., 636  
BECKER, A. M., 463  
BECKER, F. R., 547  
BECKER, J., 460  
BECKER, T. J., 126  
BECKMANN, G. E., 193  
BECQUET, R., 287\*  
BEDSON, S. P., 600  
BEDÜRFITIG, G., 468  
BEECHER, H. K., 571  
BEEKMAN, F., 560\*  
BEEKMAN, R. S., 176  
BEELER, J. W., 242  
BEERSTECHER, E., 152  
BEET, E. A., 496  
BEGLIN, N., 346  
BEHRMAN, H. T., 186  
BEIGELMAN, P. M., 425, 461\*  
BEITMAN, M. R., 581  
BEKKEROV, G. E., 78  
BELER, B., 22  
BELINSON, L., 524  
BELL, E. J., 656  
BELL, J. A., 19, 465  
BELLET, S., 262  
BELLONI, L., 559  
BELTON, F. C., 579\*  
BENCHIMOL, A. B., 616  
BENDA, C. E., 311  
BENDA, R., 105\*  
BENDEL, W. L., 295\*  
BENDER, L., 207  
BENDITT, E. P., 367\*  
BENEDEK, T., 109\*  
BENEDICT, J. D., 488  
BENEDICT, R. B., 458\*  
BENEFIELD, U. R., 658  
BENHAMOU, E., 191, 349, 495, 542  
BENJAMIN, Z. H., 155  
BENNETT, H. J., 445\*  
BENSLEY, E. H., 489  
BENSON, E. S., 417  
BENTLEY, G., 570  
BERARD, L., 551  
BERBERIAN, D. A., 331, 440  
BERESTON, E. S., 189  
BERG, K., 130  
BERGAMASCO, A., 297  
BERGER, E. Y., 196  
BERGMAN, H. C., 183\*, 378

## AUTHOR INDEX TO VOLUME 7

- BERGNER, A. D., 577  
 BERGSTRAND, A., 83  
 BERINGER, A., 359  
 BERISH, H., 489  
 BERK, J. E., 286  
 BERK, L., 348  
 BERKE, H., 133  
 BERKE, R., 172  
 BERKOS, K. P., 2  
 BERMAN, A. B., 508\*  
 BERMAN, J. K., 272  
 BERMAN, L., 164  
 BERNAL, P., 378  
 BERNARD, E., 430, 431  
 BERNARD, J., 135\*, 387  
 BERNARDIN, R. M., 422  
 BERNIER, G., 106  
 BERNIER, J. J., 84  
 BERNOU, A., 214, 429, 547  
 BERNSTEIN, A., 571  
 BERNSTEIN, L., 156  
 BERNSTEIN, T. B., 50\*  
 BERNT, H., 462\*  
 BERRY, J. W., 254  
 BERRY, L. J., 152  
 BERRYMAN, G. H., 568  
 BERTHONG, M., 77\*  
 BERTO, R., 661  
 BERTOLI, R., 656\*  
 BERTOZZI, F., 5\*  
 BERTRAND, G., 438  
 BERTRAND, I., 309\*, 570, 651\*  
 BERTRAND, L., 429, 543, 600\*  
 BESKOW, A., 667  
 BESSIEGE, H., 106  
 BESSIEY, O. A., 454  
 BESSIS, M., 164, 167, 466  
 BEST, C. H., 595  
 BETHELL, F. H., 165  
 BETTLEY, F. R., 78  
 BEVANS, M., 163  
 BHAGVAT, K., 52\*  
 BHATTACHARYA, B. K., 328  
 BHENDE, Y. M., 626  
 BICKEL, G., 354  
 BICKERS, D. S., 257  
 BIDWELL, E., 144  
 BIGGART, J. H., 560\*  
 BIGGER, J. W., 544  
 BILIBIN, A. F., 324  
 BILLINGS, F. T., 390  
 BILLINGS, J. H., 172  
 BINDER, M. L., 538\*  
 BINE, R., 572  
 BINET, L., 658\*  
 BING, R. J., 58, 157  
 BIONDINI, B. A., 430  
 BIÖRK, G., 379  
 BIRGE, R. F., 168  
 BIRKHILL, F. R., 465  
 BIRKNER, R., 30, 587  
 BISCHOFF, H., 423, 462\*  
 BISHOP, E. A., 606  
 BISHOP, L. W. J., 600  
 BISHOP, W. J., 336\*  
 BLACK, M. B., 289  
 BLACK-SCHAFFER, B., 474\*  
 BLACKWELL, U., 48  
 BLADES, B., 631\*  
 BLAICH, W., 351  
 BLAKE, W. D., 36  
 BLANC, F., 108  
 BLANC, H., 258  
 BLANCHE, J. A., 551  
 BLAND, C., 572  
 BLANEY, L. F., 242  
 BLANK, H., 578  
 BLATCHLEY, E. D., 579\*  
 BLEGEN, E., 123, 375  
 Blicharski, J., 16, 65  
 BLISS, W. R., 602  
 BLOCK, M. H., 81, 170, 385  
 BLOMFIELD, A. M., 478  
 BLONDHEIM, S. H., 504  
 BLOOM, D., 190  
 BLOOM, M. L., 167  
 BLOOM, W. L., 372  
 BLOXSON, A., 319\*  
 BLUHM, I., 225  
 BLUMENFELD, H., 172  
 BLUNT, J. W., 643  
 BOAK, R. A., 302  
 BOAND, A., 42  
 BOBOVA, A. S., 474  
 BOCCA, E., 178  
 BOCK, G., 275  
 BOCK, H. E., 278\*  
 BOCKUS, H. L., 286, 288  
 BÖE, J., 44\*, 113  
 BOELES, J. T. F., 75  
 BOELTER, M., 235  
 BOENJAMIN, R., 543\*, 659  
 BOGDANOVIC, M., 435  
 BOGDATYAN, M. G., 223  
 BOGER, W. P., 20, 129, 580  
 BOHAN, K. E., 58  
 BOHNHOFF, M., 22  
 BOHNSTEDT, R. M., 582  
 BOIKAN, W. S., 233  
 BOLAND, E. W., 407  
 BOLDREY, E., 91  
 BOMMELAER, M., 593  
 BONDY, P. K., 372  
 BONHOFF, G., 311  
 BONI, A., 406  
 BOOKER, W. M., 121  
 BOONE, B. R., 594\*  
 BOOTS, R. H., 521  
 BOQUIEN, Y., 537\*  
 BORAK, J., 81  
 BORDEN, C. W., 263  
 BORECKA, D., 363  
 BORGES, S., 621  
 BORNE, S., 78  
 BORNSCHEIN, H., 317  
 BORTH, R., 291\*  
 BOSHES, B., 318  
 BOSSI, C., 169  
 BOSTICK, W., 440  
 BOUCHARD, J., 470  
 BOURNE, G., 570  
 BOURNE, W. A., 69, 374\*  
 BOUSFIELD, G., 225  
 BOUSSER, J., 384  
 BOVENTER, K., 25  
 BOVET, D., 352  
 BOWDEN, K. M., 26  
 BOWERS, R. E., 299  
 BOWLEY, C. C., 343\*  
 BOYD, D. A., 92  
 BOYD, F. J., 272  
 BOYD, M. F., 107  
 BOYD, W. L., 450\*  
 BOYETTE, D. P., 367\*  
 BOYLE, A. C., 585  
 BOYSLTON, G. A., 504\*  
 BRADBURY, J. T., 594  
 BRADFORD, W. L., 423\*  
 BRADLEY, R., 399  
 BRAGIN, M. S., 79  
 BRAID, F., 324  
 BRAIER, L., 135\*  
 BRAIN, R. T., 297  
 BRAIN, W. R., 311  
 BRAINERD, H., 238  
 BRAMS, W. A., 264  
 BRANDT, M., 630  
 BRAS, G., 209  
 BRASS, K., 401  
 BRATTON, A. B., 319  
 BRAUDA, A. I., 662  
 BRAUN, H. A., 240  
 BRAUNSTEINER, H., 568\*  
 BRECKENBRIDGE, R. L., 358  
 BREDMOSE, G. V., 609  
 BRENDLER, S. J., 9\*  
 BRENN, H., 89  
 BRESLER, R. R., 227  
 BRESNICK, E., 279, 486  
 BRET, J., 219\*  
 BRETON, A., 554  
 BRETT, R., 644  
 BREU, W., 154  
 BREWIS, E. G., 95  
 BREWSTER, J. M., 539  
 BRICK, I. B., 391  
 BRICKA, M., 164  
 BRIEGER, E. M., 556\*  
 BRIERLEY, J. B., 9\*  
 BRINDLE, H., 462\*  
 BRINEY, A. K., 110\*  
 BRISSAUD, H. E., 479  
 BRITO E CUNHA, J. L., 138  
 BROADBENT, J. L., 49  
 BROADBENT, T. R., 129  
 BROAGER, B., 650  
 BROCH, O. J., 84, 158  
 BROCHNER-MORTENSEN, K., 522  
 BROCKBANK, W., 112\*, 448\*  
 BROCKMAN, L., 263  
 BROD, J., 404  
 BROOK, T. T., 68  
 BROOKE, B. N., 637  
 BROOKS, A. M., 376  
 BROOKS, C. MCC., 574  
 BROOM, J. C., 209  
 BROSER, K., 534  
 BROTHERS, M. J., 460  
 BROUWER, B., 257  
 BROWN, A., 171, 276, 288  
 BROWN, B. B., 460\*  
 BROWN, G. E., 345  
 BROWN, H. W., 91, 136, 321\*, 664  
 BROWN, M., 318  
 BROWN, R. K., 62  
 BROWN, T. MCP., 405  
 BROWN, W. E., 594  
 BROWNSON, B. C., 71\*  
 BROEK, J., 611  
 BRUCH, H., 257  
 BRUCK, E., 404\*  
 BRÜCKE, F. V., 59  
 BRÜGGEMANN, W., 65\*  
 BRÜGGER, Y., 521  
 BRUGER, M., 39  
 BRULÉ, G., 177  
 BRUN, C., 195  
 BRUNAUER, S. R., 80  
 BRUNEL, D., 551\*  
 BRUNETTI, O., 145  
 VON BRUNN, W. L., 525  
 BRUSA, P., 82  
 BRUUN, E., 260  
 BRUYER, —, 135\*  
 BRUYN, H. B., 238  
 BRYAN, C. E., 66  
 BRYAN, R. S., 249  
 BRYER, M. S., 238, 461  
 BRYSON, V., 664  
 BRZEZINSKY, A., 20, 362  
 BUBB, W., 376  
 BUBIS, S., 280  
 BUCHANAN, T. J., 585  
 BUCHBERG, A. S., 330\*  
 BUCHHOLZ, B., 550  
 BUCHT, H., 250\*  
 BUCK, M., 18  
 BUCKELL, M., 467  
 BUDD, E., 486  
 BUECHLER, E., 165\*  
 BÜCHMANN, P., 658  
 BÜHLBRING, E., 183  
 BUERK, M. S., 192  
 BUHOT, S., 64  
 BUKA, R., 293\*  
 BULL, G. M., 304  
 BULLOCK, W. K., 633  
 BUNDESSEN, H. N., 515  
 BUNGE, R., 669\*  
 BUNNER, R., 31  
 BURCH, G. E., 234\*  
 BURCH, H. B., 454  
 BURCHELL, H. B., 158, 247  
 BURCHENAL, J. H., 348  
 BURCKHARDT, W., 514  
 BURFORD, T. H., 594\*  
 BÜRGI, S., 309\*  
 BURK, D., 229  
 BURKE, F. G., 423, 462\*, 662  
 BURKE, J., 580  
 BURN, J. H., 183  
 BURNETT, C. H., 51  
 BURNS, H. A., 668  
 BURT, C. C., 577  
 BURTON, H. S., 18\*  
 BUSCHKE, F., 243  
 BUSSE, W., 56  
 BUSSON, A., 179  
 BUTCHER, H. R., 499  
 BUTTLE, G. A. H., 349  
 BYERS, S. O., 572  
 BYROM, F. B., 621  
 CABRERA, B. D., 446  
 CACCESE, A., 275  
 CACCIALANZA, P., 644  
 CACCURI, S., 117  
 CACHERA, R., 396  
 CAFFEY, J., 607  
 CAHAN, A. M., 486\*  
 CALABI, V., 463\*  
 CALANDI, C., 432  
 CALCUTT, G., 36\*  
 CALDEYRO, R., 124  
 CALDWELL, E. R., 239\*, 420  
 CALKINS, E., 250  
 CALLO, A., 377  
 CALLEN, I. R., 624  
 CAMELIN, A., 160  
 CAMERON, D. G., 166  
 CAMERON, W., 462  
 CAMINOPETROS, J., 542  
 CAMMERMEYER, J., 92  
 CAMPANACCI, D., 348  
 CAMPBELL, A. M. G., 318  
 CAMPBELL, D. C., 496  
 CAMPBELL, J. D., 583  
 CAMPBELL, M., 492, 493, 560\*  
 CAMPBELL, V. W. H., 300  
 CAMP, L., 355  
 CANADELL, J. M., 78, 292  
 CANALES, P., 43  
 CANELAS, E. Z., 661  
 CANELIS, M., 531\*  
 CANET, J., 670  
 CANETTI, G., 552  
 CANFIELD, A. A., 345  
 CANIZARES, O., 260, 369, 657  
 CANON, R., 51\*  
 CANTRELL, W., 108  
 CANTREL, S. T., 243  
 CAPLAN, S. P., 405  
 CAPPIO, M., 131  
 CAPPIS, R. B., 39  
 CAPPS, R. T., 576  
 CARANDO, Q., 244\*  
 CARD, W. I., 310  
 CARDULLO, H. M., 46  
 CAREN, R., 372  
 CAREY-TREFZER, C., 484  
 CARLE, B. N., 662  
 CARLÉ, R., 226  
 CARLGREN, L. E., 633  
 CARLINER, P. E., 48, 189  
 CARMODY, M. G., 340  
 CARNEIRO, R. D., 616  
 CARNES, W. H., 387  
 CAROLI, J., 167, 206  
 CARPENTER, J. W. J., 169  
 CARPENTER, C. M., 302  
 CARR, C. E., 357  
 CARR, D. T., 126, 296\*, 664  
 CARR, T. L., 251  
 CARROLL, D. S., 625  
 CARROLL, G. J., 624  
 CARSON, M. J., 594\*  
 CARSTENSEN, B., 327, 667  
 CARTAGENOVA, L., 660  
 CARTER, A. B., 207  
 CARTER, J. B., 264  
 CARTER, R. A., 472  
 CARTER, S., 651  
 CARTWRIGHT, G. E., 383  
 CARVALHAL, S., 621  
 CARVER, A. E., 239\*  
 CARY, C. A., 568\*  
 CASANOVAS, M., 17\*  
 CASE, J. T., 381  
 CASSANO, A., 323, 422  
 CASSEN, B., 137  
 CASTELLANI, A., 425  
 CASTILLO DE BONNEVEAUX, S., 14  
 CASTILLO, J. C., 233\*, 458  
 CASTILLO, J. J., 330\*  
 CASTLE, W. B., 348, 627  
 CASTLEMAN, B., 241  
 CATES, J. E., 580  
 CATHALA, J., 328  
 CATHCART, R. T., 158, 458  
 CATHIE, I. A. B., 476\*  
 CATTON, R., 177  
 CAUGHEY, J. E., 5\*  
 CAUSSADE, L., 258  
 CAVIGNEAUX, —, 6  
 CAWLEY, E., 292\*  
 CAYLA, J., 431  
 CAZAL, P., 429  
 CAZZULLO, C. L., 93  
 CERONE, M., 426  
 CERUTTI, P., 298  
 CHANDLER, C. A., 238  
 CHANDLER, V. L., 516  
 CHANDRASHAKER, B., 75

- CHANG, A., 543\*
- CHANG, M. C., 454
- CHANG, N. C., 543\*
- CHANUTIN, A., 361\*, 475\*
- CHAPMAN, C. B., 620\*
- CHAPMAN, D. W., 378
- CHAPMAN, S. S., 424
- CHAFFLE, W. H. C., 638
- CHAPTAL, J., 551\*
- CHARLES —, 6
- CHARLIER, R., 11, 156
- CHARRIER, J., 179
- CHASIS, H., 195
- CHASSIN, N., 638
- CHAUCHARD, P., 151, 584
- CHEEVER, F. S., 477
- CHEN, C. H., 191\*, 193, 513
- CHEN, G., 650\*
- CHEN, H. H., 222
- CHEN, K. K., 125
- CHEN, T. T., 441\*
- CHENG, W. J., 445
- CHENNELLS, M., 123
- CHERNENKO, E. I., 392
- CHERRINGTON, M. E., 157
- CHESNEY, A. M., 516\*
- CHEVARRIA, A. P., 440
- CHEYMOL, J., 23
- CHHUTTANI, P. N., 368
- CHICHE, P., 431
- CHIEFFI, M., 161\*
- CHING LU, W., 129
- CHINI, V., 66\*
- CHINN, H. I., 453\*
- CHIODI, H., 457
- CHIODI, J., 174
- CHITTIM, J. R., 347\*
- CHOLAK, J., 240
- CHOR, H., 313
- CHREST, C. P., 215
- CHRIST, P., 297
- CHRISTENSEN, E., 201\*
- CHRISTENSEN, N. A., 247
- CHRISTIAN, J. R., 318
- CHRISTIE, R. V., 376, 629
- CHRISTOFFERSEN, H. R., 599
- CHU, I. T., 106\*
- CHUNG, H. L., 445, 543\*
- CHUSID, J. G., 588\*
- CHU WU, C. S., 106\*
- CHWALLA, G., 517\*
- CIOFFARI, M. S., 149
- CISNEROS, F., 378
- CISNEROS, T., 81\*
- CLAESSON, L., 77
- CLARK, B., 345
- CLARK, D. E., 397
- CLARK, J. K., 574
- CLARK, J. W., 193\*
- CLARK, M., 278
- CLARK, M. C., 125
- CLARK, R. J., 58
- CLARK, W. H., 115, 238
- CLARKE, D. H., 394
- CLARKE, G. H. V., 644
- CLARKE, T. W., 672\*
- CLAVERO, G., 321
- CLAYTON, G. D., 226\*
- CLEMEDSON, C., 142\*
- COUGH, G. B., 153
- COATNEY, G. R., 442, 443, 444, 671
- COCHRAN, K. W., 354\*
- COCHRANE, T., 80
- CODE, C. F., 69
- CODON, A., 260\*
- COELHO, R. D., 107
- COGGSHELL, L. T., 443
- COHEN, M. H., 186
- COHEN, S. G., 268, 620\*
- COHN, C., 52
- COHN, M. L., 215
- COKE, H., 87, 405
- COLE, H. N., 515
- COLE, J. W., 274
- COLEMAN, V. R., 132
- COLLARD, P., 612
- COLLEN, M. F., 235
- COLLINS, D. H., 405
- COLLINS, H. S., 174, 537, 543, 631
- COLLINS, S. D., 565\*
- COLLINS, V. P., 656
- COLLINS, W. T., 170
- COLQUHOUN, J., 209, 580
- COMAN, D. R., 597
- COMBES, F. C., 186, 260, 369, 511, 657
- COMBIER, C., 543
- COMFORT, M. W., 71, 72, 283
- COMMONS, R. R., 51
- COMREY, A. L., 345
- CONCANNON, J. P., 245
- CONE, W. V., 470
- CONKLIN, W. S., 68
- CONLEY, J. E., 585
- CONNELL, J. F., 351
- CONNELL, W. F., 620
- CONRAD, K., 91
- CONSOLAZIO, C. F., 568
- CONSOLAZIO, F. C., 8
- CONSTABLE, K., 414
- CONSTANS —, 663
- CONTE, S., 660
- CONTI, F., 323, 422
- CONTRERAS, F., 81
- CONWAY, E. J., 454\*
- CONWAY, H., 491
- COODLEY, E. L., 638
- COOK, H. F., 585
- COOK, R., 45\*
- COOKE, J. V., 338
- COOKE, R. A., 644
- COOMBS, R. R. A., 478
- COONEY, M., 364\*
- COOPER, A. M., 394, 395
- COOPER, I. S., 77
- COOPER, P. D., 581\*
- COOPER, S. R., 160
- COOPER, T., 66, 382
- COOPER, T. J., 600
- COOPER, W. C., 442, 443, 671
- COOPER, W. LEG., 248
- COPELAND, J. E., 124
- COPELLO, F., 660
- COPEMAN, W. S. C., 198, 519\*
- COPPO, M., 656\*
- CORBIN, K. B., 530
- CORCORAN, A. C., 195, 359
- CORCORAN, T. E., 600
- CORDAY, E., 378, 379
- CORDERO, A. A., 441
- CORDIER, P. A., 118
- CORIELLI, L. L., 424
- CORKILL, N. L., 488
- CORNBLEET, T., 189
- CORONEL, L., 47\*
- CORPER, H. J., 215
- CORTELL, R. E., 508\*
- CORTI, A., 224\*
- COSBY, R. S., 266
- COSGROVE, R. R., 125
- COSIN, L., 31
- COSTA, G., 503
- COSTA, O. G., 512
- COTES, P. M., 249\*
- COUCH, O. A., 210
- COUMEL, H., 160
- COURNAND, A., 158, 173, 458
- COURT, D., 449
- COURT BROWN, W. M., 589
- COURTY, L., 287\*
- COURVILLE, C. B., 111, 409
- COURVILLE, C. J., 302
- Cousin, R., 177
- COUTER, W. T., 343, 344
- COUVELAERE, R., 358
- COVELL, G., 442, 558
- COWAN, I. C., 252
- COWEN, E. D. H., 304
- COX, H. R., 97
- COX, L. B., 89
- COXSEY, L., 169
- CRAIG, G. E., 512\*
- CRAIG, J. M., 419\*, 619\*
- CRAIG, R. M., 302
- CRAIN, E. L., 633\*
- CRASKE, N., 655
- CRASS, G., 25
- CREAGHAN, M. V., 489
- CRESSY, N. L., 562, 603
- CREWE, W., 600\*
- CRIEP, L. H., 49, 620\*
- CRITCHLEY, M., 310
- CROCKER, A. C., 631
- CROFTON, J., 214
- CRONHEIM, G., 352
- CRONVICH, J. A., 234\*
- CROSBY, N. D., 339
- CROSLEY, A. P., 574
- CROSNIER, R., 106, 107\*
- CROSS, K. R., 600
- CROTTI, G., 23
- CRUICKSHANK, C. N. D., 239\*
- CRUICKSHANK, J. C., 239, 546\*, 603
- CRUISE, A. B., 420
- CRUMPTON, C. W., 160, 574
- CUATRECASAS, J., 406
- CULBERTSON, J. W., 54, 59, 493
- CULINER, A., 118
- CULLUMBINE, H., 567
- CULPEPPER, W. L., 381
- CULVER, G. J., 245
- CUMMING, H. A., 512\*
- CUMMINGS, M. M., 330\*
- CUMMINS, A. J., 574
- CUNEOP, H. M., 199
- CUNLIFFE, A. C., 362
- CUNNINGHAM, R. W., 125
- CURNELL, E. C., 539
- CURTI, P. C., 551\*
- CURTIN, M., 661
- CURTIS, A. C., 193\*, 292, 645
- CURTIS, C. E., 300
- CURTIS, J. B., 469
- CURTIS, L., 137
- CURTISS, C., 290
- CUTBUSH, M., 135
- DABIS, L., 625
- DACIE, J. V., 276, 628
- DACK, S., 374
- DADDI, G., 105\*, 552
- DAENINCK, L., 14
- DAHLBERG, G., 85
- DAHLIN, D. C., 196
- DAHLSTRÖM, G., 328
- DAIMER, J., 563
- DALAND, G. A., 164
- DALE, H., 336\*
- DALEY, R., 55
- DALSGAARD-NIELSEN, T., 307, 530
- DALTAN, A. J., 37\*
- DALTON, H. W., 275
- DALY, R. A., 544
- DAMESHEK, W., 167, 387
- DAMIENS, G., 663
- DAMMANN, J. F., 58
- DAMODARAN, K., 181
- DANARAJ, T. J., 487
- DANCOFF, S. M., 138
- DANIELS, J. B., 477
- DANIELS, M., 547
- DANIELS, T. C., 643
- DANNENBURG, W. N., 352
- DANOWSKI, T. S., 53, 144\*
- DARBY, W. J., 64\*, 626
- DARNIS, F., 396
- DAS, A., 322\*
- DAUBER, D., 163
- DAUGHADEY, W. H., 164
- DAUGHERTY, N. S., 125
- DAVIS-LAWAS, D. F., 496\*
- DAUM, S., 528
- DAUPHIN, —, 537\*
- DAUTREBANDE, L., 341
- DAVID, M., 203
- DAVIDS, B., 595
- DAVIDSON, C. S., 230, 394, 395
- DAVIDSON, H. A., 647
- DAVIDSON, L. S. P., 40\*, 407
- DAVIES, C. E., 55, 491
- DAVIES, D., 51
- DAVIES, D. L., 11, 208
- DAVIES, G. R., 205
- DAVIES, D. J., 331
- DAVIES, J. H., 274
- DAVIES, J. O., 343, 617
- DAVIES, L. J., 171
- DAVIES, R. H., 550
- DAVIS, S. K., 168
- DAVISON, S., 347
- DAWSON, I. M., 581\*
- DAWSON, J. E., 405
- DAWSON, W. R., 335
- DAY, E., 423\*
- DAY, M. J., 355
- DEAN, B. H., 115
- DEAN, G., 90
- DEAN, R. F. A., 231
- DE BEER, E. J., 233\*, 458
- DEBONO, J. E., 439
- DEBRAY, J. R., 646
- DEBRÉ, R., 149, 423, 479
- DECARIS, D., 130
- DECKER, J. W., 567
- DECKER, K., 470
- DECOURSY, E., 468
- DECROIX, E., 389, 551
- DEGARA, P. F., 95
- DEGENHARDT, D. P., 386
- DEGOY, A. P. H., 590
- DELAFONTAINE, P., 663
- DELANEY, J. R., 295
- DELARUE, N. C., 68
- DELAUDRE, A., 126
- DELAY, J., 317, 535
- DEL COURT, R., 104\*
- DE LEEUW, N. K. M., 83, 404
- DE LEON, J. F., 260
- DELLA CASA, R., 591
- DELLA SANTA, R., 354, 521
- DELLA SEDIE, P. F., 330\*
- DELORME, E., 404\*
- DELWAULLE, P., 554
- DE MAEYER, E., 522
- DEMOLIE, M., 392
- DEMPSY, A. J., 560\*
- DENARDI, J. M., 340
- DENBER, H. C. B., 37
- DENHOFF, E., 483
- DENKEWALTER, R. G., 22\*
- DENLINGER, R. B., 472
- DENNIS, E. W., 331, 440
- DENNY-BROWN, D., 92, 408
- de Nô, R. L., 13
- DENT, C. E., 171
- DENT, J. E., 25
- DENTON, C., 485
- DENTON, J. E., 571
- DENZ, F. A., 464
- DE PEYSTER, F. A., 304
- DE PRES, H. E., 390
- DERIAN, P. S., 583
- DEROBERT, L., 24, 168
- DE ROBERTIS, E., 603\*
- DE RODANICHE, E. C., 98\*
- DEROT, M., 84
- DEROW, H. A., 247\*
- DERRICK, E. H., 321\*
- DERZAVIS, J. L., 297
- DES AUTELS, E. J., 665\*
- DESCLAUX, P., 535
- DESMARAIIS, M. H. L., 405
- DESTAING, F., 191, 349, 542
- DESTOMBES, P., 423\*
- DESTOUCHES, P., 130
- DE TAKATS, G., 270
- DETERLING, R., 233\*
- DETHIER, F. M., 305\*
- DEUTSCH, E., 460\*
- DEVADAS, N. P., 552
- DEVI, P., 52\*
- DE VRIES, A., 142, 642
- DE WATTEVILLE, H., 291\*
- DEWHURST, K., 62
- DEY, F. L., 130, 491
- DHERS, V., 117
- DIAMOND, I., 502
- DIAMOND, J. H., 318
- DIAMOND, L. K., 497
- DIAS, M. V., 230\*
- DIBDEN, W. A., 315
- DICK, G. W. A., 658
- DIEFENBACH, W. C. L., 191
- DIENST, R. B., 191\*, 193, 513
- DIETZ, M. W., 140
- DIFS, H., 328
- DILLARD, G. H. L., 475\*
- DILMAN, V. M., 270
- DINGLE, J. H., 562, 603
- DINIA, C., 74\*
- DI RIENZO, S., 172
- DISCHERET, J., 528\*
- DISKANT, S. G., 232
- DISTELHEIM, I. H., 390
- DJIAN, A., 245
- DMOCHOWSKI, L., 35
- DOANE, J. C., 197\*
- DOBIN, N. B., 201\*
- DOBSON, J., 560\*
- DOCK, W., 265

## AUTHOR INDEX TO VOLUME 7

- DODSON, L. F., 621  
 DOHERTY, M. E., 11  
 DOIG, R. K., 143\*  
 DOLE, V. P., 602  
 DOLGER, H., 53  
 DOLGIN, N., 267  
 DOLKART, R. E., 130  
 DOLL, F., 118  
 DOLL, R., 503  
 DOMAGK, G., 429\*  
 DOMINGUEZ, R., 116  
 DOMON, C. M., 578  
 DONALD, K. W., 629  
 DONNET, —, 167  
 DONOVICK, R., 43  
 DONZELOT, E., 160\*, 446  
 DOONEIEF, A. S., 330\*  
 DORET, M., 380  
 DORNBERGER, G. R., 71, 72, 283  
 DOSHAY, L. J., 414  
 DOTTER, C. T., 266, 357, 472  
 DOTTI, L. B., 143\*, 176  
 DOUBLEDAY, F. N., 560\*  
 DOUGHERTY, W. J., 300  
 DOUGLAS, J. M., 247  
 DOWELL, A. M., 548  
 DOWLING, H. F., 85, 239\*, 420  
 DOWNS, C. M., 424  
 DOXIADIS, S. A., 537  
 DRAGSTED, I., 330\*  
 DRAGSTEDT, L. R., 287  
 DRAKE, T. G., 582  
 DREILING, D. A., 72  
 DREKTER, I. J., 613  
 DREW, A. J., 560\*  
 DREYER, J. VAN R., 393  
 DROESE, W., 7  
 DRUTEL, P., 457  
 DRYDEN, L. P., 568\*  
 DUANE, R. T., 628  
 DUBOIS, K. P., 354\*  
 DUBOIS, R., 104\*  
 DUBROW, H., 291  
 DUBUY, H. G., 229  
 DUCA, C. J., 215  
 DUDGEON, J. A., 476\*  
 DUDKINA, V. K., 478  
 DUENSING, F., 199  
 DUFF, R. S., 91  
 DUFFY, B. J., 588  
 DUFFY, M., 520  
 DUFRENOY, J., 42  
 DUGRAFF, A. C., 233  
 DUGUID, H. L. D., 273  
 DUGUID, J. B., 474  
 DUMAZER, —, 495  
 DUMBELL, K. R., 67  
 DUMMER, F. H. M., 479  
 DUNCAN, C. H., 533  
 DUNHAM, K. C., 228  
 DUNHAM, W. F., 87\*  
 DUNLOP, E. M. C., 82  
 DUNLOP, R., 3  
 DUNN, H. J., 345\*  
 DUNN, W. J., 249\*  
 DUNNER, L., 453, 566  
 DUNSFORD, I., 343\*  
 DUNSTAN, C., 452  
 DU PAN, R. M., 423  
 DUPERRAT, B., 219\*  
 DURANT, T. M., 232  
 DUTHIE, D. A., 299  
 DUTHIE, J. J. R., 85\*, 407, 648  
 DUTRA, F. R., 27, 465\*  
 DUTTA, S. K., 462\*  
 DUVAL, A. M., 534  
 DUVAL, R. C., 514  
 DUVOIR, M., 24  
 DWORK, K. G., 333  
 EADS, R. B., 331  
 EAGLE, H., 193, 235, 362  
 EARLE, D. M., 378  
 EARLY, D. F., 9\*  
 EARLY, F., 230  
 EAST, E. N., 167  
 EAST, N., 467\*  
 EASTLAKE, C., 328\*  
 EATON, M. D., 657  
 EBERT, M. H., 538  
 EBERT, R. V., 263  
 EBIN, J., 202  
 ECKERHOFF, J. E., 157  
 ECKERLING, B., 362  
 ECKES, K. H., 644  
 ECKHARDT, R. D., 230, 394, 395  
 EDELMAN, Z. I., 616\*  
 EDER, H. A., 495  
 EDESON, J. F. B., 669  
 EDLINGER, E., 422  
 EDMONSON, H. A., 633  
 EDMUND, M. E., 367  
 EDMUND, V., 399  
 EDSALL, G., 605  
 EDSTRÖM, G., 522, 649  
 EDWARDS, E. A., 623  
 EDWARDS, J. E., 247  
 EHRLICH, R., 633\*  
 EHRSTROM, M. C., 485  
 EIBER, H. B., 56  
 EICHENWALD, H., 220  
 EISELE, C. W., 663  
 EISENBERG, F. F., 578  
 EISENBERG, H., 301  
 EISENBERG, R. B., 597  
 EISENBUD, M., 452  
 EISENMAYER, W. J., 504  
 EJERUP, B., 379  
 EKBLAD, M., 26  
 EKVALL, S., 650  
 ELAM, J. O., 567\*  
 ELAM, W. N., 567\*  
 EL BOROLOSSY, A. W., 349  
 ELDREDGE, D., 18  
 ELERDING, A. C., 529  
 ELIAS, K., 598  
 ELIOT, J. W., 182  
 ELIOZISHVILI, K. M., 296  
 ELITHORN, A., 351  
 ELKELES, A., 31  
 ELKINTON, J. R., 403, 641  
 ELLER, J. J., 81  
 ELLER, W. D., 81  
 ELLERMANN, M., 312  
 ELLINGER, G. F., 594\*  
 ELLINGER, P., 119\*  
 ELLIOTT, W., 3  
 ELLIOTT, J., 672\*  
 ELLIOTT, J. A., 298\*  
 ELLIS, F., 356  
 ELLIS, H., 349  
 ELMENDORF, DUM. F., 191, 303  
 ELMENDORF, E. T., 22\*  
 ELOVA, M. Y., 173  
 ELDON-DEW, R., 106  
 ELSON, L., 22  
 ELVIDGE, A. R., 609  
 EMERY, E. W., 397  
 EMERY, J. L., 20, 127  
 EMMART, E. W., 43  
 EMMONS, C. W., 144  
 ENGEL, C. E., 448\*  
 ENGEL, F. L., 51  
 ENGESET, A., 588  
 ENGLISH, O. S., 510\*  
 ENGSTROM, W. W., 582  
 ENSOR, C. R., 650\*  
 ENTIN, S., 667  
 EPES, W., 324  
 EPSTEIN, F. H., 619  
 EPSTEIN, N. B., 655  
 EPSTEIN, N. N., 400  
 EPSTEIN, S., 187  
 ERBES, J., 585  
 EREUX, L. P., 512\*  
 ERF, L. A., 167\*  
 ERHART, E. A., 569  
 ERIKSEN, K. R., 144  
 ERIMBERGER, —, 537\*  
 ERWIN, J. H., 280  
 ESCALLE, J. E., 160\*  
 ESKOLA, O., 169  
 ESPERSEN, E., 43  
 ESPINOZA, J., 47\*  
 ESSER, C., 139, 282  
 ESSEVELD, H., 98  
 ESTABLE, J. J., 14  
 ESZENYI-HALASY, M., 200  
 ETÉVÉ, J., 167  
 Euler, H. E., 470  
 EVANS, A. C., 450\*  
 EVANS, A. S., 318  
 EVANS, D. G., 115, 366  
 EVANS, H. M., 120\*  
 EVANS, J. A., 60  
 EVANS, J. W., 625  
 EVANS, R. S., 628  
 EVANS, W., 378  
 EVANS, W. A., 255  
 EVELYN, K. A., 160  
 EVERNO, J. H., 660  
 EVERETT, G. M., 122  
 EVERETT, M. R., 249  
 EVOLD, H. L. F., 568  
 EVRARD, E., 569  
 FABER, H. K., 545  
 FABRE, J., 521  
 FAHNDRICH, W. H., 648  
 FAGERBERG, E., 526  
 FAHEY, J. L., 456  
 FAHEY, M. M., 391  
 FAHLSTROM, S., 381  
 FAHNR, R., 525  
 FAJMAN, F., 577  
 FAINER, D. C., 503\*  
 FAIRLEY, D. M., 198  
 FAIRLEY, N. H., 558, 671\*  
 FALCON, W. W., 394, 395  
 FALKENHEIM, M., 635  
 FANCONI, G., 201\*  
 FANGER, H., 305\*  
 FANTES, K. H., 496\*  
 FANTL, P., 89  
 FARAH, A., 572  
 FARGO, W. C., 487\*  
 FARIBAULT, C., 294  
 FARLEY, J. E., 606  
 FARMAN, F., 517  
 FARRELL, F. J., 531\*  
 FARNSWORTH, E. B., 33  
 FARQUHAR, J. W., 25\*, 506  
 FARR, A. C., 18  
 FARRAR, B. W., 372  
 FARROW, R. T., 224\*  
 FASCIOLI, J. C., 174, 457  
 FAUST, J., 354\*  
 FAVATA, B. V., 36\*  
 FAVE, M., 569  
 FAVOUR, C. B., 235, 363  
 FAVRE, M., 14  
 FAVRE-GILLY, J. E., 343\*, 601  
 FAWCETT, M. L., 302  
 FECHT, K. E., 127\*  
 FEDERICO DUMM, J., 260\*  
 FEGERER, F., 298  
 FEINBERG, A. R., 233  
 FEINBERG, S. M., 50\*  
 FELDMAN, G. B., 269  
 FELDMAN, S., 272\*  
 FELDMAN, W. H., 126, 668  
 FELL, H. B., 36\*  
 FELLER, A. E., 562, 603  
 FELLINGER, K., 523  
 FELSEN, J., 393  
 FELSON, B., 140, 357  
 FELTHAM, D. V. G., 566\*  
 FENG, S. L., 543\*  
 FERAYORNI, R. R., 69  
 FERGUSON, J. K. W., 640  
 FERGUSON, M. H., 250, 476\*  
 FERNANDES, B., 535  
 FERRAND, —, 542  
 FERRARI, M., 464\*  
 FERRARIO, A., 93  
 FERREBEE, J. W., 305\*  
 FERREIRA, M., 418\*  
 FERRER, M. I., 158, 458  
 FESSLER, A., 224\*  
 FETTER, F., 209  
 FIEBER, M. H., 127  
 FIELD, C. E., 367  
 FIELD, E. J., 9  
 FIELD, J., 242\*  
 FIELD, J. W., 330, 331\*, 669  
 FIELD, L. E., 374  
 FIENE, M. J., 611  
 FIGURNOV, K. M., 224\*  
 FINCH, C. A., 274, 495  
 FINDLAY, G. M., 107, 557  
 FINDLEY, J. W., 284  
 FINKELMAN, I., 233, 318  
 FINLAND, M., 174, 461, 537, 543,  
 631  
 FINLAY, A. C., 579  
 FINNERTY, E. F., 537  
 FIRESTONE, G. M., 417  
 FIRMINGER, H. I., 58  
 FISCHBACH, H., 236\*  
 FISCHEL, E. E., 333, 466\*  
 FISCHER, A., 250, 305  
 FISCHER, A. E., 132  
 FISCHER, F., 376  
 FISCHER, P., 156  
 FISCHER, W., 282  
 FISHER, J. H., 607  
 FISHER, M. M., 61\*  
 FISHMAN, A. P., 197  
 FITCH, D. R., 649  
 FITZGERALD, J. D. L., 151  
 FITZPATRICK, M., 89  
 FITZPATRICK, W. H., 8  
 FITZWILLIAMS, D. C. L., 336\*  
 FLASETTI, L., 330\*  
 FLAUM, G., 302  
 FLAX, H. J., 354  
 FLECK, J. L., 363  
 FLECKENSTEIN, A., 16  
 FLEISCHNER, F. G., 501\*  
 FLEISCHNER, M. S., 253  
 FLEMING, J., 84  
 FLETCHER, C. M., 228  
 FLIPPIN, H. F., 20, 580  
 FLOCH, H., 423\*  
 FLOREY, H. W., 461, 580  
 FLORMAN, A. L., 605  
 FLOYD, W. F., 123  
 FLUHARTY, R. G., 274  
 FLUKER, J. L., 418\*  
 FOLEY, G. E., 631  
 DI FONZO, M., 438  
 FORBES, G. B., 253  
 FORESTIER, J., 85, 86  
 FORMIJNE, P., 495  
 FORSHAM, P. H., 488, 518  
 FOSTER, J. V., 249  
 FOULDS, L., 34, 35, 249  
 FOURNIER, E., 643\*  
 FOUSSIER, B., 382\*  
 FOWLER, A. F., 489  
 FOWLER, N. O., 251  
 FOWLER, W. M., 64, 251  
 FOWLER, W. S., 630  
 FOX, H. J., 178  
 FOX, J. P., 97  
 FOX, L. M., 514  
 FOX, N., 419\*  
 FRANCE, W. G., 62  
 FRANCESCHETTI, A., 366, 380  
 FRANCHEL, F., 105\*  
 FRANCHINI, A., 184  
 FRANÇOIS, J., 46  
 FRANK, T. V., 155  
 FRANKEL, J., 237  
 FRANKEL, J. J., 261\*  
 FRANKLIN, K. J., 559\*  
 FRANKLIN, W., 261\*, 485  
 FRANKS, R., 55  
 FRANTZ, —, 289  
 FRANZINI, C., 590  
 FRASER, R., 397  
 FRAZER, A. C., 370, 487\*  
 FREEDBERG, A. S., 74, 293  
 FREEDE, C. L., 58  
 FREEDMAN, B., 389\*  
 FREEDMAN, E., 172  
 FREEDMAN, L. R., 381  
 FREEMAN, J., 486  
 FREIS, E. D., 60, 125, 161, 493,  
 573  
 FRENCH, D. M., 121  
 FRENCH, G. N., 572  
 FRENCH, T. M., 614  
 FREUDENBERG, R. K., 535\*  
 FREY, R., 234  
 FREYBERG, H. R., 86  
 FRIEDJOHN, L., 68  
 FRIEDEWALD, W. F., 418  
 FRIEDELAENDER, A. S., 369  
 FRIEDELAENDER, S., 369  
 FRIEDMAN, E. D., 91  
 FRIEDMAN, L. J., 246  
 FRIEDMAN, L. L., 531\*  
 FRIEDMAN, M., 244, 572, 599  
 FRIEDMAN, N. B., 247\*  
 FRIEDMAN, S., 110  
 FRIES, J. H., 78  
 FRIOU, G. J., 362  
 FRISCH, A. W., 25  
 FRISK, R., 487  
 FRITSCHY, W., 616

## AUTHOR INDEX TO VOLUME 7

697

FROMMEL, E., 14  
 FROMMEYER, W. B., 476\*  
 FROST, E., 39  
 FROST, J., 265, 377  
 FRUMUSAN, P., 177  
 FRY, N. H., 445\*  
 FRYE, J. W., 585  
 FUCHS, —, 6  
 FUCHS, H., 388  
 FUJIKAWA, Y. F., 556\*  
 FULLERTON, H. W., 273, 584  
 FULTON, J. F., 9\*  
 FUREY, W. W., 381  
 FURMAN, M. L., 350  
 FURMAN, R. H., 157  
 FURTH, J., 95, 249\*  
 FUST, B., 603  
 FUTCHER, P. H., 160, 184  
 FYALA, M. A., 422

GAARENSTROOM, J. H., 119  
 GABALDON, A., 339  
 GABRIELE, A. J., 53  
 GABRILLOVE, J. L., 505  
 GAENSLER, E. A., 38, 279, 499  
 GAFAFER, W. M., 226\*  
 GAISSFORD, W., 366  
 GALBRAITH, A. L., 622  
 GALDSTON, I., 224\*  
 GALDSTON, M., 196  
 GALE, E. F., 41  
 GALE, R. G., 157  
 GALLEY, R. A. E., 338\*  
 GALLOWAY, T. C., 420  
 GAMIGLIANI ZOCCOLI, A., 590  
 GAMMELTOFT, S. A., 559\*  
 GAMMON, G. D., 516  
 GARABEDIAN, G. A., 332  
 GARB, J., 512  
 GARCIA AUSTT, E., 124  
 GARCIA, E. Y., 219  
 GARCIA LOPEZ, G., 166, 276, 411\*  
 GARCIN, R., 651\*  
 GARD, S., 478  
 GARDE, —, 495  
 GARDELLA, J. W., 305\*  
 GARDNER, C., 153  
 GARDNER, F. E., 619  
 GARDNER, F. H., 487, 627  
 GARDNER, G. M., 87, 198, 579\*  
 GARDNER, H. T., 180  
 GARDNER, J. F., 18\*  
 GARDNER, W. D., 112  
 GARDNER, W. U., 36\*  
 GARIN, L., 472  
 GARLICK, H. W., 179, 394  
 GARNHAM, P. C. C., 107, 558  
 GARNIER, P., 663  
 GARRIDO LESTACHE CABRERA, J., 46  
 GARZON, H. L., 241  
 GASBARRINI, A., 224\*  
 GASTON, E., 170  
 GATTINI, M., 373  
 GATZEK, H., 573  
 GAUL, E. L., 510  
 GAULTIER, M., 24  
 GAUNT, R. T., 202  
 GAUTHIER, J., 191, 542  
 GAUWERKY, F., 245  
 GAVEY, C. J., 375  
 GAY, L. N., 48  
 GAYET-HALLION, T., 570  
 GAZZANO, A., 467  
 GEAR, J., 132  
 GEDDA, E., 561  
 GEGESI-KISS, P., 213  
 GEILING, E. M. K., 108  
 GELLMAN, F., 655  
 GELFAND, H. H., 259  
 GELFAND, M. L., 61\*  
 GELLIS, S., 76  
 GENECIN, A., 250  
 GENEST, J., 250  
 GEORG, J., 40, 522  
 GEORGE, M., 128  
 GERARD, R. W., 239  
 GERBAUX, A., 401  
 GERBER, I. E., 61  
 GERBRANDY, J., 625  
 GERNEZ-RIEUX, C., 554

GERRARD, J., 481  
 GERSHANOVICH-PALES, L. Y., 159  
 GETZ, H. R., 214  
 GEYER, R. P., 568  
 GHIO, A., 660  
 GHIRON, V., 74\*  
 GIANNARDI, G., 472  
 GIBBONS, T. B., 620\*  
 GIBBS, E. L., 199  
 GIBBS, F. A., 199, 524  
 GIBSON, H. J., 405  
 GIBSON, H. J. C., 336\*  
 GIBSON, J. E., 672  
 GIBSON, J. G., 63, 274  
 GIBSON, P. C., 620  
 GIBSON, S., 58  
 GIESE, G. K., 639  
 GIL, J. R., 519  
 GILBERT, J. L., 574  
 GILBERT, N. C., 121\*, 491  
 GILCHRIST, A. R., 269  
 GILES, H. MCC., 421  
 GILG, I., 519  
 GILL, D. C., 242  
 GILLANDERS, A. D., 499  
 GILL-CAREY, D., 18\*  
 GILLE, G., 478  
 GILLESPIE, H. W., 32  
 GILLICK, F. G., 594\*  
 GILLIGAN, T. J., 274  
 GILLORAN, J. L., 5  
 GILROY, J. C., 633  
 GIN, S. Y., 365  
 GINS, H. A., 560\*  
 GINSBERG, H. S., 477  
 GINSBERG, J. E., 644  
 GIORDANO, G., 503\*  
 GIRARD, A., 437  
 GIRARD, G., 451\*  
 GIRARD, M., 250\*  
 GIULIANI, G. M., 560\*  
 GIUNTINI, L. S., 430  
 GLADSTONE, S. A., 250\*  
 GLAZEBROOK, J. A., 11\*  
 GLEICHMAN, T. K., 500\*  
 GLENNY, A. T., 45\*, 563  
 GLICKLICH, E. A., 296\*  
 GLOBUS, J. H., 527  
 GLOBUS, J. H., 527  
 GLOVER, J. A., 115  
 GLUECK, H. I., 16  
 GLYNN, L. E., 333  
 GOADBY, H. K., 120  
 GOADBY, K. W., 120  
 GOCKE, T. M., 537, 631  
 GODFRIED, E. G., 625  
 GODFREY, L., 641  
 GOEBEL, W. F., 41  
 GÖLLNITZ, G., 527  
 Göttel, M., 548\*  
 GOETZ, R. H., 15, 272  
 GOLD, M. M. A., 611  
 GOLDBERG, B., 577  
 GOLDBERG, E., 221  
 GOLDBERG, L., 74, 458  
 GOLDBERG, L. C., 298\*  
 GOLDBLATT, H., 180  
 GOLDBLATT, M. W., 6  
 GOLDEN, R., 388  
 GOLDENBERG, M., 233\*  
 GOLDIN, A., 577, 578  
 GOLDMAN, D., 400  
 GOLDMAN, M. L., 184  
 GOLDRING, W., 195  
 GOLDSCHMID, E., 448\*  
 GOLDSTEIN, A., 11  
 GOLDSTEIN, F., 134  
 GOLDSTEIN, P., 375\*  
 GOLSTETH, J. G., 408  
 GO LU, 16  
 GOMES, S., 535  
 GÓMEZ ORBANEJA, J., 23  
 GONZALEZ SORET, M., 239  
 GOODALE, W. T., 157  
 GOODALL, A. L., 60  
 GOODMAN, B., 490  
 GOODMAN, L. S., 10  
 GOODWIN, J. F., 57, 640  
 GOODWIN, W. E., 77\*, 517  
 GORDON, I., 562, 603  
 GORDON, L. E., 568  
 GORDON, M., 254  
 GORDON, R. M., 600\*

GORDON, S., 398  
 GORDON, W., 234\*  
 GORE, I., 476  
 GORENS, S. W., 568  
 GOULD, L. N., 94  
 GOVAN, A. D. T., 63  
 GOW, R. C., 53  
 GOYER, R., 429  
 GRACE, A. W., 511  
 GRACE, E. J., 664  
 DE GRACIANSKY, P., 186  
 GRAESSLE, O. E., 103, 237  
 GRAF, K., 236  
 GRAFF, S., 596  
 GRAHAM, E. A., 68  
 GRAHAM, J. M., 224\*  
 GRAHAM, J. R., 314  
 GRAIS, M. L., 190  
 GRANIRER, L. W., 648  
 GRANT, F. C., 410  
 GRASSET, E., 422  
 GRATER, W. C., 419  
 GRAUBARD, D. J., 519  
 GRAVESON, G. S., 307, 531  
 GRAY, S. J., 635  
 GRAYBIEL, A., 345  
 GRAYSON, C. E., 172  
 GREAVES, A. B., 646  
 GREEN, J. W., 36\*  
 GREEN, M. A., 274  
 GREEN, S., 153  
 GREEN, W. R., 651  
 GREENBERG, J., 670, 671  
 GREENBLATT, I. J., 47, 272  
 GREENBLATT, M., 410  
 GREENBLATT, R. B., 191\*, 193, 513  
 GREENE, E., 445\*  
 GREENFIELD, J. G., 310, 311  
 GREENMAN, L., 53  
 GREENWALD, I., 111  
 GREER, W. E. R., 206\*  
 DE GREGORIO, E., 81\*  
 GREISMAN, H., 252\*  
 GRENIER, J., 638  
 GREULICH, E., 514  
 GRIER, R. S., 6\*  
 GRIESBACHER, O., 61  
 GRIFFITH, G. C., 266  
 GRIFFITHS, D. L., 112\*, 448\*  
 GRIFFITHS, E., 351  
 GRILLI, A., 592  
 GRIMMAYER, W., 401  
 GRIMSON, K. S., 268, 347\*  
 GRISHMAN, A., 356, 374  
 GROB, D., 122  
 GROEN, H. D., 511  
 GROEN, J., 454\*  
 GROFF, R. A., 653  
 GROKOEST, A. W., 521  
 GROLLMAN, A., 83, 380  
 GROMBAKH, S. M., 112\*  
 GROSBERG, S., 49  
 GROSS, E. G., 572  
 GROSS, F., 571, 620  
 GROSS, L., 35\*  
 GROSS, R., 278\*  
 GROSSMAN, M., 56  
 GROSSMAN, M. I., 70, 189, 503\*  
 GROSSO, O. F., 403  
 GRUBBS, R. C., 576  
 GRUBER, C. M., 15, 124  
 GRUBER, C. M., Jnr., 15, 124  
 GRÜNING, P., 603  
 GRÜSSNER, G., 468  
 GRUHZIT, C. C., 12  
 GRUNBERG, E., 18  
 GRUNER, J., 651\*  
 GRZYBOWSKI, M., 188, 190  
 GUARESCHI, G., 467  
 GUDE, A. V., 193  
 GÜLZOW, M., 7  
 GUGGENHEIM, K., 165\*  
 GUGLE, L. J., 378  
 GUILLAUME, J., 307  
 GUMBINER, S. H., 264  
 GUMP, W. S., 347\*  
 GUNS, P., 430  
 GUNTHER, M., 255  
 GUREVITCH, J., 362  
 GUTERMAN, H. S., 52  
 GUTHRIE, D., 335  
 GUTHRIE, F., 324

GUY, L. P., 454  
 GYE, W. E., 247  
 GYLLENSWÄRD, C., 337  
 GYÖRGY, P., 180

HAAGENSEN, C. D., 596  
 HAANES, M., 193\*  
 HAAVIK, J. E., 534  
 HABER, H., 297  
 HACKETT, W. E. R., 64  
 HADDOW, A. J., 211  
 HADENGUE, A., 168  
 HADGRAFT, J. W., 297  
 HAEX, A. J. C., 600  
 HAFKENSCHIEL, J. H., 157, 160, 574

HAFN-MEINCKE, F., 105\*  
 HAGEDORN, A. B., 282  
 HAGEMANN, G., 645  
 HAGER, H. F., 417  
 HAHN, F., 65\*  
 HAHN, G. L., 48  
 HAINES, S. F., 291  
 HALAC, E., 241  
 HALD, J., 23\*, 353  
 HALDI, J., 566  
 HALES, H. B., 144\*  
 HALEY, H. B., 640  
 HALKERSTON, J. M., 396  
 HALL, A. D., 195  
 HALL, B. E., 412, 496  
 HALL, D. A., 476\*  
 HALL, G. V., 235  
 HALL, J. W., 476  
 HALL, P. W., 36  
 HALL, W. H., 662  
 HALNAN, K. E., 559\*  
 HALPERIN, M. H., 54, 59, 493  
 HALPERN, B., 130  
 HALPERN, B. N., 16\*, 458\*, 517  
 HALPERN, L., 208  
 HALPERT, B., 58  
 HAM, D. L., 209  
 HAMBURGER, C., 77, 522  
 HAMBURGER, M., 357  
 HAMILTON, C. F., 291  
 HAMILTON, H. B., 135  
 HAMILTON, J. G., 28  
 HAMILTON, K. A., 198  
 HAMILTON, T. S., 568  
 HAMILTON-PATERSON, J. L., 319  
 HAMMOND, J., 9\*  
 HAMMOND, J. B., 465  
 HAMMOND, M. M., 157  
 HAND, E. A., 300  
 HANDELSMAN, J. C., 157  
 HANICKI, Z., 65  
 HANNAY, P. W., 299  
 HANSEN, F., 23\*  
 HANSEN, S. S., 440  
 HANSON, A. O., 138  
 HANSON, H. H., 265  
 HAO LI, C., 120\*  
 HAOUR, P., 293  
 HARDISTY, N. M., 266  
 HARDY, A., 16\*  
 HARDY, R., 566  
 HARGRAVES, M. M., 273  
 HARINGTON, A. L., 132  
 HARKNESS, J., 252, 405  
 HARLEY, D. H., 516  
 HARMAN, J. W., 527, 613  
 HARMEL, M. H., 160  
 HARMSEN, H., 350  
 HARNDEN, B. K., 125  
 HARPER, H. A., 639  
 HARPER, J. O., 671\*  
 HARPOTH, H., 100  
 HARRELL, G. T., 97, 540  
 HARRINGTON, P. R., 319\*  
 HARRIS, A., 645  
 HARRIS, D. A., 237\*  
 HARRIS, J. W., 627  
 HARRIS, R. S., 583  
 HARRIS, T. N., 110  
 HARRIS, W., 244  
 HARRIS, W. B., 452  
 HARRIS, W. W., 401  
 HARRISON, C. V., 6, 266  
 HART, F. D., 612, 641  
 HART, M. V. D., 64  
 HART, P. L. DEV., 275

## AUTHOR INDEX TO VOLUME 7

- HARTMAN, A. M., 568\*
- HARTMANN, J., 328
- HARTROFT, W. S., 595
- HARTZ, P. H., 150
- HARVEY, A. M., 122
- HARVEY, C. C., 365, 612
- HARVEY, J. C., 238
- HARVEY, R. M., 158, 458
- HASCHE-KLÜNDER, R., 436
- HASSIN, G. B., 672\*
- HASSLER, R., 569\*
- HASTINGS-JAMES, R., 51
- HATFIELD, W. H., 500
- HATOFF, A., 235
- HAUGAARD, N., 261, 373
- HAUSER, E., 411\*
- HAUSS, W. H., 542, 549\*
- HAUVILLER, O., 151, 369
- HÄVERMARK, N. E., 648
- HAWARD, F. C., 312
- HAWES, L. E., 590
- HAWKING, F., 333
- HAWKINSON, V., 39, 152
- HAWLEY, C., 140
- HAWLEY, J. G., 119
- HAWORTH, J. B., 591
- HAYES, D. W., 268
- HAYMAKER, W., 22
- HAYNE, R. A., 199, 524
- HAYS, E. E., 627\*
- HEACOCK, C. H., 581
- HEADLEY, N. E., 407
- HEADY, J. A., 338, 351
- HEAF, F., 449
- HEALEY, M. M., 410
- HEARD, D. H., 276
- HEATLEY, N. G., 579\*
- HEBB, C. O., 121
- HECHT, H., 190
- HECHT, H. H., 491
- HEEPE, F., 437
- HEGSTED, D. M., 289
- HEILMEYER, L., 102
- HEIMANN, F. A., 562
- HEIMANN, H., 226\*
- HEIMOFF, L., 472
- HEINBECKER, P., 508\*
- HEINLE, R. W., 277, 608
- HEINRICH, K., 159
- HEISCH, R. B., 671\*
- HELD, R., 130
- HELIKSON, J., 487\*
- HELLBAUM, A., 520
- HELLEBERG, G., 667
- HELLEBRANDT, F. A., 638\*
- HELLER, G., 520
- HELLER, H., 177, 448\*
- HELLER, R., 427
- HELWEG-LARSEN, P., 370
- HEMPELMANN, L. H., 242
- HEMPHILL, R. E., 396
- HENCH, P. S., 110
- HENCH, R. N., 264
- HENDERSON, A. R., 215
- HENDERSON, E., 213, 643
- HENDERSON, F. G., 125
- HENDRICKS, A. B., 71
- HENDRICKS, F. D., 516
- HENDRIX, J. P., 268
- HENGSTMANN, H., 632
- HENNEBERG, G., 253\*
- HENNEMAN, E., 575, 576
- HENRY, J., 387
- HENSCHEL, A., 611
- HENSCHKE, H., 321
- HENSTELL, H. H., 624
- HENSTELL, I. S., 624
- HERBERG, H. J., 310
- HERBERT, P., 642
- HERMAN, E., 88
- HERMANN, K., 530
- HERNADI, A., 484\*
- HERNANDEZ, R., 179
- HERNÁNDEZ FERNANDEZ, S., 321
- HERNANDEZ-MORALES, F., 486
- HERRAIZ BALLESTERO, L., 151, 369
- HERRELL, W. E., 19
- HERRERA, G., 543
- HERRICK, J. F., 585
- HERRING, D. A., 346
- HERRMANN, F. J., 190, 298
- HERSH, A. H., 371, 405
- HERSHFIELD, B. M., 334
- HERSPERGER, W. G., 73
- HERTIG, M., 337
- HERTZ, H., 310, 650
- HERTZ, M., 134
- HERTZ, S., 74
- HERVOUET, D., 537\*
- HERXHEIMER, H., 259, 369, 631
- HERZ, E., 314
- HERZOG, F., 423
- HERZOG, W., 599
- HESS, J. R., 639
- HETYENVI, G., 16
- HEUSCHER, J., 416
- HEWITT, R., 222
- HEYMANS, C., 14, 15
- HEYROTH, F. F., 240
- HICKAM, J. B., 163
- HICKMAN, E. M., 606
- HIERTONN, T., 176
- HIGHTOWER, J. A., 324
- HILDEN, T., 195
- HILKER, A. W., 267
- HILL, E. L., 25
- HILL, F. S., 21
- HILL, J. E., 500
- HILL, J. M., 25
- HILL, K. R., 93
- HILL, L. F., 149
- HILL, L. M., 513
- HILL, S. R., 518
- HILL, R., 588
- HILLARP, N. A., 77, 185
- HILLER, F., 318
- HILLIARD, J., 475
- HILLMAN, R. W., 69
- HILLS, A. G., 261, 373
- HILLS, G. M., 579\*
- HILLS, O. W., 612
- HINDE, I. T., 276
- HINE, C. H., 125
- HINSHAW, H. C., 664, 668
- HINTZELMANN, U., 306\*
- HIRANO, N., 669\*
- HIRATZKA, T., 56, 492\*
- HIRCH, A., 561
- HIRSCH, A., 236
- HIRSCH, E. F., 230\*, 599, 656
- HIRSCHMANN, J., 267, 308, 414
- HIRSH, H. L., 85
- HIRSH, J., 224\*
- HIRSZFELD, L., 44
- HITCHCOCK, F. A., 576
- HITSCHLER, W. J., 210
- HOBBY, G. L., 579
- HOBSON, Q. J. G., 397
- HOCH, H., 361\*
- HOCH-LIGETI, C., 248
- HOECKER, F. E., 137
- HOEFER, P. F. A., 314
- HÖGSTEDT, C., 147\*
- HOEKENGÅ, M. T., 192
- HOEN, T. I., 77
- HOERR, S. O., 602
- HOFER, J. W., 446
- HOFF, E. C., 9
- HOFF, H. E., 285
- HOFFBAUER, F. W., 360
- HOFFMAN, S. H., 216
- HOFFMAN, M., 5\*
- HOFMANN, P., 620\*
- HOFMEYER, H., 370
- HOFMESTER, M., 206
- HOGGARTH, E., 437\*
- HOGNESS, J. R., 242
- HOHENNER, K., 102, 423\*
- HOHENSEE, F., 346
- HOLBROOK, W. A., 323, 324
- HOLBURN, R. R., 134
- HOLČÍK, L. J., 81
- HOLDEN, R. H., 483
- HOLDEN, W. D., 274, 277, 459
- HOLE, N. H., 478
- HOLGATE, J. A., 296
- HOLLANDER, F., 72
- HOLLANDER, J. L., 466
- HOLMAN, R. A., 296
- HOLMES, M. C., 334
- HOLT, J. F., 246
- HOLT, L. E., 454
- HOLTON, P., 124
- HOLZEL, A., 256
- HOUBLER, S. W., 154, 268
- HOOK, E. W., 418
- HOPKINS, L. A., 255
- HOPKINS, W. A., 594\*
- HOPPE, J. O., 12, 126, 463
- HORAN, T. N., 164
- HOREAU, J., 618
- HÖRLICK, L., 163
- HORMANN, H., 107
- HORN, H., 374
- HORNBERGER, W., 510
- HORNE, G. O., 295
- HORNE, N. W., 437
- HORNE, S. F., 303
- HORNER, J. L., 306
- HORSFALL, F. L., 477
- HORSTEN, G. P. M., 75
- HORTLING, H., 643
- HORTON, B. T., 268, 572
- HORTON, C., 631\*
- HORVATH, S. M., 354, 466
- HORWITZ, M. K., 612
- HORWITZ, M., 87
- HORWITZ, S. A., 196
- HOST, H. F., 336\*
- HOUGHTON, B. C., 576
- HOUGHTON, L. E., 669
- HOUGS-OLSEN, W., 10
- HOUSTON, J., 252
- HOUTZ, S. J., 638\*
- HOWARD, F. A., 499
- HOWARD, J. E., 51
- HOWARD, P. J., 47
- HOWARD, W. L., 104, 665
- HOWES, E. L., 643
- HOWITT, B. F., 658
- HOWLETT, K. S., 104
- HOYER, A., 143
- HOYNE, A. L., 318
- HOYRUP, E., 489
- HUBERT, W., 470
- HUBINONT, P. O., 466\*
- HUBLÉ, J., 119
- HUDDLESTON, O. L., 408
- HUDDLESTON, B., 372
- HUFF, S. E., 511
- HUGGINS, R. A., 378
- HUGHES, H. O., 61
- HUGHES, J. W., 560\*
- HUGHES, W., 54
- HULBERT, B., 597
- HULST, L. A., 633
- HUMPHREYS, E. M., 287
- HUNT, A. D., 641
- HUNT, J. N., 476\*
- HUNT, M. L., 384
- HUNTER, F. T., 137
- HUNTER, G. W., 445\*
- HUNTER, O. B., 624
- HUNTER, W. C., 68
- HUPPERT, M., 79
- HURLBURT, W. B., 644
- HURLY, J. T., 283
- HURME, V. O., 176
- HURNI, H., 17\*
- HURST, E. W., 95, 418
- HURWITZ, M. M., 186
- HUSS, C. B., 136
- HUSSEIN, M. K., 112\*
- HUSZAK, I., 90
- HUTCHINGS, L. M., 450\*
- HUTCHISON, D., 19, 329
- HUTCHISON, J. H., 427
- HUTTON, J. H., 381
- HYDE, B., 109, 458
- HYDE, L., 109, 458\*
- HYGE, T. V., 114
- HYMAN, A., 197
- HYMAN, G. A., 216
- HYSLOP, G. H., 467
- IBBOTT, F. A., 351
- IKLÉ, A., 426
- ILKA, S. J., 143\*
- ILLINGWORTH, R. S., 365
- IMBER, I., 158\*
- IMBODEN, C. A., 671
- ING, H. R., 124
- INGALLS, T. H., 229
- INGELFINGER, F. J., 284
- INGLEMAN-SUNDBERG, A., 119
- INGRAO, F., 461
- INNES, E. M., 169
- INNES, J., 169
- IOANNOU, J., 594\*
- IRWIN, D. A., 341
- ISAACS, J. H., 233
- ISAACSON, N. H., 476
- ISABELL, H., 584\*
- ISHIBASHI, K., 382\*
- ISHMAEL, W. K., 520
- ISICHENKO, N. A., 249
- ISRAËLS, M. C. G., 383
- ISSEKUTZ, B., 16
- ITANO, H. A., 496
- JUNES, M., 621
- IVY, A. C., 70, 393\*, 570
- JABLONSKA, S., 190
- JACKETS, V., 25
- JACKSON, A. S., 640
- JACKSON, E. B., 420
- JACKSON, E. L., 328
- JACKSON, I. J., 609
- JACKSON, M., 90
- JACKSON, W. P. U., 508\*
- JACOB, A., 254\*
- JACOB, J., 352
- JACOB, M. D., 505
- JACOBSEN, E., 23\*, 353
- JACOBSEN, A. S., 520
- JACOBSEN, B. M., 486\*
- JACOBSEN, G., 472
- JACOBSEN, L. O., 152, 170, 385, 587\*
- JACOBSEN, S. D., 164
- JACOBY, A., 646
- JACQUEL, G., 208
- JACQUEL, M., 208
- JACQUELINE, F., 86
- JACQUET, P., 168
- JAEGER, R., 653
- JAENIKE, J. R., 506
- JAFFE, H., 293, 507
- JAILER, J. W., 183
- JAMES, A. H., 286, 501
- JAMES, G. W., 626
- JAMES, T. G. I., 653
- JAMESON, J. E., 133\*
- JAMMET, J., 118
- JANBON, M., 429, 543
- JANOWITZ, H. D., 189, 503\*
- JANUS, W. L., 140
- JAQUES, L. B., 134
- JAQUETI DEL POZO, G., 29
- JARIA, A., 654
- JAROS, S. H., 233\*
- JASINSKI, B., 612, 627
- JASPER, H., 524
- JAUERNIG, R., 246
- JAWETZ, E., 132
- JAWORSKI, A. A., 540, 606
- JEAN, R., 551\*
- JEFFERSON, G., 560\*
- JEFFERY, G. M., 671
- JEND, W., 485
- JENKS, A. L., 168
- JENNINGS, A. F., 594
- JENNINGS, G. H., 319
- JENNINGS, M. A., 461
- JENSEN, H., 8
- JERSILD, T., 530
- JERVIS, G. A., 484\*
- JEWESURY, E. C. O., 411
- JILLSON, O. F., 79
- JIMÉNEZ DÍAZ, C., 144
- JOANNOU, J., 326
- JOEKES, A. M., 304
- JOHN, H. J., 489
- JOHNS, L. E., 260
- JOHNSON, B. A., 188
- JOHNSON, J. E., 577\*
- JOHNSON, K. D., 619
- JOHNSON, S. A. M., 303\*
- JOHNSON, T., 398
- JOHNSTON, J. A., 47
- JOHNSTONE, D. F., 418\*
- JOHNSTONE, H. G., 440
- JOHNWICK, E. B., 292\*
- JOKIPIL, S. G., 197\*
- JOLLES, B., 355
- JOLLIFFE, N., 1
- JOLLY, P. N., 556\*
- JONES, A. R., 336\*
- JONES, D., 564
- JONES, D. P., 469
- JONES, E., 64\*

- JONES, E. M., 665  
 JONES, F., 25  
 JONES, F. A., 503  
 JONES, G., 126  
 JONES, L. C., 560\*  
 JONES, M. F., 439  
 JONES, O. R., 665  
 JONES, P. F., 351  
 JONES, R. O., 655  
 DE JONGH, D. K., 125  
 DE JONGH, S. E., 119  
 JONGKEES, L. B. W., 454\*  
 JÖNSSON, B., 525  
 JOPLING, W. H., 4  
 JOPPICH, G., 419  
 JORDA, M., 408  
 JORDAN, C. F., 450\*  
 JORDAN, R. G., 21  
 JORDAN, W. S., 565  
 JOSEPH, H. L., 297  
 JOSEPHY, H., 309  
 JOULES, F. E., 218  
 JOWETT, A. E., 141  
 JUBELIRER, R. A., 16  
 JUDD, A. R., 215  
 JÜNEMANN, F., 550  
 JUNG, P., 559\*  
 JUNGE, H., 31  
 JUNGE, J. M., 328  
 JUNGMANN, H. J., 31  
 JUNKERSDORF, J., 648
- KAAE, S., 77  
 KABAT, E. A., 567  
 KABELITZ, H. J., 495  
 KABLER, P., 364\*  
 KAHLER, H., 37\*  
 KAHN, M. C., 444  
 KAHN, R. L., 45\*  
 KAIDL, F., 59, 412  
 KAISCH, A. M., 634  
 KALBFLEISCH, H. H., 555  
 KALDEGG, A., 198, 654\*  
 KALIL, T. H., 140  
 KALK, H., 638  
 KALTER, S. S., 320\*  
 KAMENETSKAYA, R. A., 2  
 KANE, G. G., 119\*  
 KANE, J. H., 579  
 KANNER, L., 207  
 KANTER, L., 17\*  
 KAPFERER, J. M., 553  
 KAPLAN, A., 575  
 KAPLAN, H., 36\*  
 KAPLAN, L. I., 410  
 KAPLAN, S. R., 132, 236, 264  
 KARAILA, E., 330\*  
 KARAMCHANDANI, P. V., 552  
 KARATCHENTZEFF, N., 130  
 KARCH, H., 553  
 KARSTRÖM, F., 482  
 KARLSON, A. G., 126  
 KARP, D., 285  
 KARPINSKI, F. E., 608  
 KARTUS, S., 166  
 KASS, E. H., 537  
 KATTUS, A., 250  
 KATUGAMPOLA, D. C., 364  
 KATZ, A., 15  
 KATZ, E., 329  
 KATZ, L. N., 56, 163, 264, 267, 378  
 KAUFMAN, J., 602  
 KAUFMAN, I. C., 206\*  
 KAUFMANN, A., 554  
 KAUFMANN, H., 160\*, 446  
 KAUFMANN, L., 40\*  
 KAUMP, D. H., 606  
 KAUTZKY, R., 309\*  
 KAVKA, J., 447  
 KAYE, S. L., 162  
 KEATING, F. R., 291  
 KEATING, R. P., 36, 154  
 KEELE, K. D., 178  
 KEEPE, W. G., 462\*  
 KEESER, E., 75  
 KEEVIL, J. J., 336\*, 448, 560  
 KEHRER, H. E., 526  
 KEIL, H., 447  
 KEITH, M. A., 269  
 KEIZER, D. P. R., 583  
 KELEMEN, E., 170
- KELLEHER, W. H., 319  
 KELLER, A. D., 454  
 KELLER, M. J., 322  
 KELLNER, B., 639  
 KELLY, D. R., 18  
 KELLY, H. G., 618  
 KELLY, K. H., 249  
 KELLY, M. G., 37\*  
 KELSALL, A. R., 231  
 KELSEY, F. E., 108  
 KEMP, S., 503  
 KEMPNER, W., 494  
 KENAWY, M. R., 56  
 KENDALL, D., 309  
 KENDALL, E. C., 110  
 KENDALL, F. E., 163  
 KENIGSBERG, S., 76  
 KENNARD, M. A., 88  
 KENNAWAY, E. L., 338  
 KENNEDY, A. F., 405  
 KENNEDY, J., 339  
 KENNEY, M., 222  
 KENNEY, R. A., 120  
 KERCKHOFF, K., 377  
 KERLEY, T. G., 138  
 KERSHMAN, J., 205  
 KERST, D. W., 138  
 KERT, M. J., 154  
 KETRON, K. C., 454  
 KETY, S. S., 157, 160, 267  
 KEY, J. M., 400  
 KEYES, J. W., 154  
 KEYS, A., 511, 611  
 KHALIL, A., 661  
 KHAZANOV, A. T., 474  
 KHROMOV, B. M., 224\*, 559  
 KIDD, P., 64  
 KIDIYOOR, S. R., 552  
 KIELER, J., 370  
 KIELHOLZ, P., 94, 416  
 KIERLAND, R. R., 19, 296\*  
 KILBOURNE, P. C., 578  
 KILHAM, L., 418  
 KIMMELSTIEL, P., 298\*  
 KING, E. J., 6, 567\*, 600  
 KING, E. Q., 578  
 KINGSLEY, J. W., 641  
 KINSELL, L. W., 39, 639, 643  
 KINSELLA, V. J., 141  
 KIRK, E., 161\*  
 KIRKLIN, B. R., 158  
 KIRKPATRICK, N. R., 52  
 KIRMSE, T. W., 217  
 KIRSCHON, A., 587\*  
 KIRSNER, J. B., 71, 284, 287, 289, 636  
 KISSLING, R. E., 43  
 KISTIN, A. D., 55  
 KITCHEN, D. K., 516  
 KITCHEN, S. F., 211  
 KITZMILLER, K. V., 240, 465\*, 584\*  
 KJELLBERG, S. R., 455  
 KLATSKIN, G., 394  
 KLAUDER, J. V., 188  
 KLAUE, R., 526\*  
 KLEIN, D., 366  
 KLEIN, H. A., 56, 492\*  
 KLEIN, R., 9\*  
 KLEINSORG, H., 75  
 KLIBMAN, A. M., 297\*  
 KLINE, B. S., 497, 596  
 KLOPSTOCK, R., 434  
 KNAUB, V., 567  
 KNOVENAGEL, C., 234  
 KNOPPERS, A. T., 125  
 KNORR, R., 549  
 KNOTT, J., 199  
 KNOWLTON, A. I., 183  
 KNOWLTON, M., 180  
 KNOWLTON, N. P., 242  
 KNOX, J. A. C., 57  
 KOBERNICK, S. D., 36\*, 388  
 KOCH, D. A., 215  
 KOCH, E., 165\*  
 KOCH, F., 549  
 KOCH, J., 574  
 KOCH, K. W., 138  
 KOCSÁN, C., 130  
 KOEGLER, S. J., 481  
 KOEHN, C. J., 8  
 KOENIG, E. C., 245  
 KOEPCHEN, A., 666  
 KOERNER, T. A., 214
- KOETS, P., 397  
 KOHARI-KUCHÁRIK, J., 622  
 KOHLER, C. E., 135  
 KOHLER, L. M., 245  
 KOHN, J. L., 132, 236, 527  
 KOHN, K. H., 657  
 KOLACHEV, A. A., 259  
 KOLMER, J. A., 645  
 KOLODNY, M. H., 520  
 KONZETT, H., 121, 575  
 KOPECNY, L., 200\*  
 KOPP, I., 192  
 KOREF, O., 261  
 KÖRPÄSSY, B., 170  
 KOSOVSKIIN, Y. Y., 259  
 KOSTKOWSKI, A., 65  
 KOSZALKA, M. F., 639  
 KOSZEWSKI, B. J., 37  
 KOTEEN, H., 192  
 KOTHARI, B. V., 626  
 KOTTER, G. F., 209  
 KOUNTZ, W. B., 161\*  
 KOURILSKY, R., 389, 643\*  
 KOURILSKY, S., 389, 551  
 KOUWENAAR, W., 98  
 KOVACS, A., 592  
 KOVACS, Z., 511  
 KOVAR, E., 263  
 KOVAR, E. B., 4\*  
 KOVAL, S. F., 424  
 KOWALCZYKOWA, J., 16  
 KOWALEWSKI, K., 313, 346  
 KOZLOV, L. A., 453  
 KRAATZ, C. P., 15, 124  
 KRAKUSIN, J. S., 33  
 KRAMER, B., 508\*  
 KRAMER, P., 284  
 KRAVCHICK, D. I., 251  
 KRAYER, O., 11  
 KRAYO, J. C., 532  
 KREBS, C., 589  
 KREIS, B., 430, 431  
 KREITNER, H., 635  
 KREMER, V. L., 195  
 KRÖBER, E., 206  
 KROLL, F. W., 471  
 KROMSIGT, G. K. L., 625  
 KROÓ, H., 82  
 KROOP, I. G., 197  
 KRUGER, H. E., 378  
 KRUSE, W. T., 645  
 KRUSEN, F. H., 412, 585  
 KUBIK, M., 577  
 KUGELBERG, E., 9, 89  
 KUH, C., 235  
 KUHLMANN, F., 549  
 KUHN, J. F., 520  
 KUKUEV, L. A., 224\*  
 KUNA, S., 21  
 KUNKEL, H. G., 504  
 KUO, P. T., 617  
 KURNICK, N. B., 127  
 KUSKE, F., 419  
 KUSKIN, L., 263  
 KUSSEROW, G. W., 271  
 KUTCH, J. H., 605  
 KUZZEL, W. C., 87, 198  
 KWANTES, C. M. S., 419  
 KWITOWA, H., 545  
 KYDD, D. M., 582  
 KYLE, L. H., 77\*
- LABAN, M., 435  
 LABHART, A., 426, 624  
 LABOCETTA, A. C., 422, 528  
 LACK, A., 579\*  
 LACKEY, M. D., 229  
 LACKMAN, D. B., 656  
 LACY, H., 131  
 LADÁNYI, J., 342  
 LADELL, W. S. S., 7, 485  
 LADEN, E. L., 296  
 LADENHEIM, J. C., 672\*  
 LAFFARGUE, —, 495\*  
 LAGERCRANTZ, R., 607  
 LAGERLÖF, H., 230  
 LAGO, H. D., 519  
 LAHIRI, S. C., 462\*  
 LAIRD, R. L., 220  
 LAKEN, B., 394  
 LALICH, J. J., 596  
 LALLI, G., 213
- LAMBERT, E. H., 345  
 LAMOTTE, M., 396  
 LAMPE, I., 215  
 LAMPE, P. H. J., 543\*  
 LAMY, M., 118  
 LANCHY, P., 105\*  
 LAND, F. T., 634  
 LANDAU, D., 192  
 LANDÉ, M., 241  
 LANDEN, H. C., 553, 555  
 LANDING, B. H., 577, 578  
 LANDIS, S. N., 600  
 LANDMESSER, W. E., 249  
 LANDOWNE, M., 380  
 LANES, A. M., 12, 126, 346, 463  
 LANDTMAN, B., 264, 480  
 LANE, C. G., 228\*, 509  
 LANE, R. E., 226  
 LANG, L. P., 389  
 LANG, W., 417  
 LANGE, K., 611  
 LANGERON, P., 287\*  
 LANGMUIR, A. D., 562, 603  
 LANGUILLE, M., 658\*  
 LANGUILLON, J., 423\*  
 LANKFORD, C. E., 131  
 LANNING, M., 262  
 LANZL, E. F., 138  
 LANZL, L. H., 138  
 LAPI, A., 289  
 LARIZZA, P., 8\*, 277, 306  
 LARKIN, M., 130  
 LARSEN, V., 23\*, 353  
 LARSON, C. L., 450\*, 662  
 LARSON, E. A., 152  
 LARSON, R. D., 128  
 LARSSON, L. G., 29  
 LARUELLE, L., 204  
 LASKOWSKI, J., 38  
 LASSEN, S., 345\*  
 LAUDICELLA, V., 24  
 LAUG, E. P., 240  
 LAUGHLIN, J. S., 138  
 LAUGHLIN, M. E., 301  
 LAURIE, W., 333  
 LAURITZEN, E., 463  
 DI LAURO, S., 117  
 LAVARACK, J. O., 455  
 LAVENNE, F., 264, 452  
 LAWRENCE, H. S., 364  
 LAWRENCE, J. H., 169, 386  
 LAWRENCE, J. S., 361\*  
 LAWSON, J. H., 418  
 LAX, F., 489  
 LAYMON, C. W., 368  
 LEAF, A., 343, 344  
 LEARD, S. E., 206\*  
 LEATHAM, A., 271  
 LE BEAU, J., 411\*  
 LE CHEVALIER, H. A., 237\*  
 LE COCO, E., 21  
 LECOO, R., 34\*, 151, 583, 584  
 LEDER, M. M., 500\*  
 LEDERER, J., 185  
 LEE, A. J., 88  
 LEE, R. E., 10  
 LEES, J. C., 3  
 LEFEBVRE, P., 106  
 LEFLER, J. S., 579\*  
 LEGER, L., 241  
 LEGEŻYŃSKI, S., 16  
 LEHANE, D., 419  
 LEHMAN, A. J., 462  
 LEHMANN, G., 347  
 LEHMANN, J., 667  
 LEHNER, H., 399  
 LEHR, D., 17\*  
 LEICHER, F., 67  
 LEIDY, G., 145  
 LEIFER, E., 242  
 LEIGH, A. D., 310  
 LEIGH, T. F., 594\*  
 LEIGHTON, R. S., 471  
 LEIMBACH, G., 436  
 LEINER, G. C., 57, 430  
 LEITES, S. M., 248  
 LEITTER, H. E., 197  
 LEIZEROVSKAYA, E. G., 173  
 LELAND, L. S., 297  
 LEMAIRE, M., 358  
 LEMBERGER, A., 435  
 LEMLEY, J. M., 157  
 LEMON, B. K., 606  
 LENARSKY, M., 319\*

## AUTHOR INDEX TO VOLUME 7

- LENDLE, L., 346  
 LENNETTE, E. H., 115, 238  
 LEOPOLD, —, 275  
 LEPINE, P., 603  
 LEPORSKII, N. I., 448\*  
 LEPOW, H., 252\*  
 LEPPER, M. H., 239\*, 420  
 LERMAN, I. A., 224\*  
 LERNER, E. M., 41  
 LERNER, H. B., 639  
 LESH, J., 446\*  
 LESLIE, S. H., 394  
 LESNE, E., 431  
 LESNITSKAYA, V. L., 200  
 LESNY, I., 200  
 LESTER, W., 561  
 LETTERER, E., 37, 474  
 LEVADITI, C., 126, 437, 645, 660  
 LE VAY, D., 522  
 LEVENSON, S. M., 465  
 LEVISON, I., 352  
 LEVIN, B., 366  
 LEVIN, E., 71, 636  
 LEVIN, S., 410  
 LEVINA, S. V., 453  
 LEVINE, L., 605  
 LEVINE, M. I., 49  
 LEVINE, R., 118\*  
 LEVINE, R., 52, 372  
 LEVINE, S. A., 377\*  
 LEVINSON, A., 329\*, 431  
 LEVINSON, L., 279, 486  
 LEVINTON, J., 260\*  
 LEVY, H., 47  
 LEVY, J. S., 71  
 LEVY, M., 661  
 LEVY, P., 437  
 LEVY, R. L., 616  
 LEW, E., 545  
 LEWIN, D. C., 70  
 LEWIN, E., 522  
 LEWINN, E. B., 582  
 LEWIS, A., 11  
 LEWIS, A. E., 492  
 LEWIS, H. D., 63  
 LEWIS, I. C., 25\*  
 LEWIS, L. G., 244  
 LEWIS, N., 637  
 LEWIS, R. C., 470  
 LEWIS-FANING, E., 365  
 LEWTHWAITE, R., 320, 421  
 LEY, H. L., 320, 421, 660  
 LI, M. H., 36\*  
 LIBBRECHT, L., 14  
 LIBET, B., 455  
 LICHTNER, G., 640  
 LICHTENSTEIN, A., 563, 610, 633  
 LICHTENSTEIN, M. R., 551, 667  
 LIDWELL, O. M., 561  
 LIDZ, T., 262  
 LIEBERT, E., 318, 612  
 LIEBOW, A., 468  
 LIFSHITZ, C., 389  
 LIGHTBODY, H. D., 568  
 LILLE-SZYKOWICZ, I., 44  
 LILLIE, R. D., 538  
 LIMARZI, L. R., 624  
 LIMAURA, A. B., 96  
 LINCOLN, C. S., 644  
 LINCOLN, E. M., 217  
 LIND, J., 469\*  
 LINDER, J. M., 272\*  
 LINDERT, M. C. F., 639  
 LINDGREN, G., 273  
 LINDSAY, S., 38\*  
 LING, C. C., 445  
 LINGS, H., 30  
 LINKE, A., 102  
 LINZ, R., 21, 104\*  
 LITHANDER, A., 101  
 LITTER, J., 493  
 LITTLE, R. C., 119  
 LITTLE, S. C., 200, 410  
 LITTMAN, A., 70  
 LITTMANN, D., 267  
 LIVINGSTON, G. S., 419\*  
 LIVINGSTON, S., 530  
 LIVINGSTONE, R., 102, 552  
 LLOPART, J., 403  
 LLOYD, B. J., 37\*  
 LOBSENZ, H., 246  
 LOCKHART, R. J. J., 566\*  
 LOCKIE, L. M., 86  
 LÖHE, H., 82
- LOESER, A., 75  
 LOEW, E. R., 12  
 LOEWE, L., 56, 169  
 LOEWENTHAL, L. J. A., 398, 566\*  
 LÖFGREN, O., 29  
 LÖFSTRÖM, G., 114  
 LOGAN, A., 281  
 LOGAN, M. A., 513  
 LOGE, J. P., 170  
 LOGG, M. H., 217  
 LOKEN, A. C., 22  
 LONG, E. R., 214  
 LONG, J. H., 232  
 LONG, P. H., 461  
 LONGHI, A., 295  
 LONGINO, F. H., 347\*  
 LOOFEROW, D. G., 622  
 LOPEZ TOCA, R., 166, 276, 411\*  
 LOPUSNIAK, M. S., 286  
 LORBER, J., 606  
 LORENZ, W., 244  
 LOTMAR, R., 586  
 LOTTE, A., 326, 430, 431  
 LOVE, L., 455  
 LOVEALE, F. E., 119\*  
 LOVELOCK, J. E., 67  
 LOW-BEER, B. V. A., 169  
 LOWE, C. U., 633\*  
 LOWE, J., 659  
 LOWE, K. G., 304  
 LOWELL, F. C., 261\*, 485  
 LOWEN, H. J., 374\*  
 LOWRY, H., 254  
 LOWRY, O. H., 1, 454  
 LOWYS, P., 150, 328  
 LOXTON, G. E., 522  
 LUCAS, C. C., 595  
 LUCCHESI, M., 105\*, 552  
 LUCIA, S. P., 276, 384  
 LUCKNER, H., 153  
 LÜBBERS, P., 165\*  
 LÜCHTRATH, H., 8  
 LÜDERS, C. J., 37\*  
 LÜHR, K., 321  
 LÜSCHER, E., 624  
 LUETSCHER, J. A., 195  
 LUFT, R., 74, 76, 119  
 LUKASHEV, V. A., 60  
 LUKASZCZYK, F., 30  
 LUMSDEN, W. H. R., 96  
 LUNDGREEN, K. D., 134  
 LUNN, V., 536  
 LUSHBAUGH, C. C., 36\*, 239  
 LUSKY, L. M., 240  
 LYNCH, F. W., 398  
 LYNCH, J. P., 38  
 LYONS, R. H., 268
- MA, R. A., 349  
 McAFFEE, G. D., 512\*  
 MACARTHUR, P., 666  
 MCALVOY, M., 200  
 MCBRIDE, A., 167\*  
 McCALLIE, D. P., 639  
 McCALLUM, F. O., 319  
 McCALLUM, N. E. W., 26  
 McCANCE, R. A., 231  
 McCAWLEY, E. L., 458  
 MCCAY, C. M., 119\*, 502  
 McClure, G. Y., 138  
 McCONNELL, A. A., 411  
 McCORRISTON, J. R., 71\*  
 McCORT, J. J., 472  
 McCracken, I. E., 224\*  
 McCREIGHT, W. G., 297\*  
 McCROY, W. W., 641  
 McCULLOCH, R. P., 163  
 McCULLOUGH, N. B., 663  
 McCUTCHEON, M., 597  
 McDermott, E. B., 45\*  
 MACDONALD, A., 146  
 McDonald, E. K., 489  
 McDonald, I. R., 391  
 McDonald, J. R., 38, 282  
 McENERY, E. T., 433  
 McEVEDY, M. B., 48\*  
 MacFarlane, W. V., 445  
 McGAVACK, T. H., 76, 531\*, 613  
 McGRAW, R. B., 207  
 MACGREGOR, A. G., 122  
 MACGREGOR, A. R., 482  
 McGREGOR, T., 331
- MACH, R. S., 260, 521  
 MACHELLA, T. E., 288  
 Macht, D. I., 20  
 MCINTIRE, F. T., 162  
 McIntosh, G. A., 539\*  
 Mack, J. K., 618\*  
 McKay, D. G., 38  
 Mackay, M., 179  
 Mackay-Dick, J., 209  
 McKee, R. W., 495  
 MacKenzie, D. W., 71\*  
 Mackerras, I. M., 607\*  
 Mackinnon, J., 491  
 McKusick, V. A., 560\*  
 MacLagan, N. F., 503, 641  
 McLarney, T., 208  
 McLaughlin, A. I. G., 228  
 McLean, C. R., 33  
 MacLean, H., 129, 657  
 McLeay, D. B., 539\*  
 MacLennan, M. F., 45\*  
 MacMahon, A., 610  
 McManus, M. J., 293\*  
 McMenemy, W. H., 402\*  
 MacNulty, A. S., 560  
 McQuarrie, I., 290  
 Macrae, J., 318  
 McVay, L. V., 220, 324  
 Madajewski, D. S., 254\*  
 Madden, E. E., 381  
 Madden, J. F., 368  
 Maddox, K., 182  
 Magarey, F. R., 157  
 MAGAZANIK, M. L., 336\*  
 MAGENDANTZ, H., 158\*  
 MAGNUSON, H. J., 193\*, 513  
 MAGNUSSON, J. H., 101, 478  
 Magoffin, R., 438  
 Magoun, H. W., 491  
 Magrassi, F., 541  
 Magun, R., 307  
 Mahaffy, A. F., 211  
 Mahaux, J., 313, 346  
 Mahoney, J. F., 645  
 Maior, C., 376  
 Maior, G., 415  
 Mainoli, S., 616\*  
 Mainzer, F., 488  
 Mair, C. M., 167  
 Maisons, G. L., 271  
 Maizels, M., 7\*  
 Major, R. H., 560\*  
 Malaguzzi Valeri, C., 66\*  
 Maliner, M. M., 446  
 Malluche, H., 437  
 Malmros, H., 176, 334  
 Malone, M. A., 465  
 Malone, W. J., 335  
 Malton, D. S., 268  
 Maluf, N. S. R., 196  
 Malzone, L., 143\*  
 Man, E. B., 582  
 Manceaux, G. A., 408  
 Mandelstam-Volinskaya, L. M., 156  
 Manderson, W. G., 418  
 Mankikar, D. S., 402  
 Mann, F. D., 250  
 Mann, G. V., 153  
 Mann, L., 249\*  
 Manquene, —, 663  
 Manson-Bahr, P., 106  
 Mantha, L., 407  
 Mantooth, W. B., 301  
 Mantoux, G., 430  
 Manzanek, H., 375  
 Maral, R., 110  
 Marble, A. S., 53, 489  
 Marc-Antoine, H., 160  
 Marcel, J. E., 551  
 Marchetti, G., 233\*  
 Marconi, F., 270  
 Marconi, R., 503  
 Marcus, R. E., 199  
 Marcusen, R. M., 532  
 Marecaux, L., 429  
 Maren, T. H., 333\*  
 Maresch, F., 104  
 Margen, S., 639  
 Margolis, H. M., 405  
 Margules-La Vergne, M. P., 588\*  
 Marillier, F. G., 5\*
- MARILLIER, —, 118  
 MARINELLI, L. D., 588  
 MARINELLI, P., 608  
 MARKEE, S., 371  
 Markel, J., 79  
 MARKS, D. N., 334  
 MARKS, E. K., 170  
 MARKS, I. E., 79  
 MARKS, J. A., 288  
 MARKSON, D. E., 407  
 MARMELZAT, W. L., 224\*  
 MAROT, R. J., 106  
 MARRACK, J. R., 361\*  
 MARSH, D. F., 346, 574  
 MARSH, J. B., 261, 373  
 MARSHALL, C., 524  
 MARSHALL, H. E. S., 94  
 MARSTON, R. Q., 580\*  
 MARTESSON, J., 76  
 MARTIN, A. R., 437\*  
 MARTIN, C. G., 393\*  
 MARTIN, F., 282  
 MARTIN, J., 517  
 MARTIN, L., 637  
 MARTIN, R., 651\*  
 MARTIN, S. P., 51  
 MARTIN, W. J., 451  
 MARTINETTO, G., 490  
 MARTINS, A. A., 418\*  
 MARTYN, G., 256, 481  
 MARZONI, F. A., 268  
 MASLAND, R. L., 410  
 MASON, A. S., 396  
 MASON, L. M., 298\*  
 MASSELL, B. F., 518  
 MASSHOFF, W., 37  
 MASSON, G. M. C., 195, 359  
 MASSON, J. M., 129  
 Mast, G., 193  
 Master, A. M., 374  
 Mateer, F. M., 53  
 Matheson, N. M., 224\*  
 Matheson, W. J., 390  
 Matsui, M., 669\*  
 Matteini, M., 137\*  
 Matthes, K., 573  
 Matthews, L. R., 568  
 Mattick, A. T. R., 236  
 Matveev, K., 253  
 Mauzé, J., 423\*  
 Mavor, R. H. M., 565  
 May, C. D., 633\*  
 Mayer, W. D., 581  
 Mazina, E. G., 3  
 Mazoué, H., 151, 584  
 Mazzella, H., 15  
 Meads, M., 97  
 Mechelke, K., 573  
 Mehl, J. W., 633  
 Meier, P., 571  
 Meiklejohn, A., 341  
 Meiklejohn, G., 145, 147, 238  
 Meilman, E., 486\*  
 Meinkert, J. K., 360  
 Menninger, W. M., 186  
 Meinzen, M. A., 249\*  
 Meites, J., 75  
 Meleney, H. E., 221  
 Melin, G., 563, 565  
 Mellany, E., 112\*  
 Melnick, J. L., 318, 539  
 Mendelson, E. S., 455  
 Mendlowitz, M., 61  
 Menely, G. R., 157  
 Meneghelli, J., 47\*  
 Meng, H. C., 230  
 Menkin, V., 595  
 Merchant, W. R., 405  
 Mergoni, G., 464\*  
 Merkel, W., 436  
 Merle, —, 107\*  
 Merrill, O. E., 137  
 Merrington, W. R., 204  
 Merritt, H. H., 651  
 Merskey, C., 384  
 Mertens, A., 669\*  
 Mertens, H. G., 308  
 Messerschmitt, J., 164  
 Metcalf, B. H., 347\*  
 Metivier, O., 150  
 Mettier, S. R., 167\*  
 Meyer, F. W., 371  
 Meyer, K. A., 126\*, 180

AUTHOR INDEX TO VOLUME 7

701

- MEYER, L. M., 275  
 MEYER, O. O., 576  
 MEYER, P., 56  
 MEYER, P. D., 140  
 MEYER, R. B., 324  
 MEYER, S. N., 429\*  
 MEYER-BRUNOT, H. G., 343  
 MEYER-MICKELEIT, R. W., 525  
 MEYERS, M. C., 165  
 MEYERS, R., 199  
 MICETICH, A., 12  
 MICHAELS, G. D., 39  
 MICHAEL, J., 650  
 MICHELAZZI, A. M., 664  
 MICHELSON, H. E., 80\*  
 MICHELSON, J. P., 508\*  
 MICHEZ, J., 518  
 MICHE, A. J., 349  
 MICHTON, R. J., 57  
 MICKEY, S., 200\*  
 MIDANA, A., 298  
 MIDDLEMISS, J. H., 246  
 MIDDLETON, J. W., 539  
 MIEDZINSKI, F., 188  
 MIESCHER, G., 511  
 MIGAZZO, C., 131  
 MIGLIACCIO, A. V., 417  
 MIGLIARO, E., 15  
 MILANES, F., 166, 276, 411\*  
 MILANI-COMPARETTI, A., 433  
 MILBERG, I. L., 189  
 MILHAM, M., 587\*  
 MILLAR, J. H. D., 411  
 MILLER, C. P., 22  
 MILLER, F. J. W., 114  
 MILLER, H., 640  
 MILLER, J. H., 624  
 MILLER, J. J., 545  
 MILLER, J. L., 188  
 MILLER, J. M., 363  
 MILLER, M. L., 615  
 MILLER, O. B., 189  
 MILLER, P. A., 41  
 MILLER, R. N., 354  
 MILLER, T. H., 295  
 MILLS, G. Y., 378  
 MILLS, H., 276  
 MILLS, M. D., 158  
 MILLS, S. D., 382  
 MILLS, W. G., 258  
 MILNOR, J. P., 234\*  
 MILSTONE, J. H., 568\*  
 MILZER, A., 129, 657  
 MINDLIN, J., 665\*  
 MINGLE, C. K., 450\*  
 MINOZZI, A., 497  
 MINTZ, R. S., 329  
 MIRICK, G. S., 238, 504  
 MISIEWICZ, J., 216  
 MITCHELL, G. A. G., 559  
 MITCHELL, E. R., 341  
 MITCHELL, H. H., 568  
 MITCHELL, N., 47  
 MITCHELL, P., 235\*  
 MITCHELL, R. S., 433, 434  
 MLCZUCH, F., 382  
 MODI, C. J., 544  
 MOE, G. K., 12  
 MOE, R. H., 397  
 MOEHLIG, R. C., 148  
 MÖLLER, E. F., 234  
 MOIR, W. W., 358  
 MOISTER, F. C., 60, 125, 493, 573  
 MOLANO, P. A., 121  
 MOLE, R. H., 295  
 MOLES, R., 179  
 MOLESWORTH, B. D., 659  
 MOLINER, A., 106  
 MOLLITOR, H., 21  
 MOLLE, W. E., 638  
 MØLLER, E., 316, 527  
 MØLLER, F., 309  
 MØLLER, K. O., 23\*  
 MOLLISON, P. L., 135  
 MOLLWEIDE, H., 316  
 MOLONEY, W. C., 143\*  
 MONACO, R., 422  
 MONT, F. G., 519  
 MONTÉZIN, G., 352  
 MONTGOMERY, A. H., 30\*  
 MONTGOMERY, D. C., 30\*  
 MONTGOMERY, D. M., 127  
 MONTGOMERY, H., 297\*  
 MONTGOMERY, R. M., 30\*
- MONTO, R. W., 154  
 MOODY, J. P., 450  
 MOOLTEN, S. E., 272, 490, 623  
 MOONEY, A. J., 411  
 MOORE, A., 143\*, 179  
 MOORE, A. E., 248  
 MOORE, C. V., 169  
 MOORE, D. H., 596  
 MOORE, D. J., 180  
 MOORE, J. R., 388  
 MOORE, P. E., 1  
 MØRCH, E., 41  
 MORE, R. H., 33, 36\*  
 MORELY, G. R., 568  
 MORGAN, A. D., 142  
 MORGAN, E. A., 301  
 MORGAN, E. H., 496  
 MORGANS, M. E., 640  
 MORGESTERN, P., 357  
 MORLAN, H. B., 25  
 MORLAND, A., 501  
 MORLOCK, C. G., 69  
 MORLOCK, H. V., 552  
 MORRIS, K. R. S., 226  
 MORRIS, L. C., 665\*  
 MORRISON, L. M., 272, 619  
 MORRISON, M., 169  
 MORTON, J. H., 343\*  
 MOSER, P., 401  
 MOSINGER, M., 36\*  
 MOSONYI, L., 130  
 MOSS, A. H., 47  
 MOTE, J. R., 627\*  
 MOTTERAM, R., 143\*, 179, 394  
 MOUNTAIN, J. W., 4\*  
 MOUREN, P., 133  
 MOYER, J. H., 574  
 MOZZICONACCI, P., 149  
 MUDGE, G. H., 183  
 MUELLER, E. E., 104  
 MUELLER, J. H., 41  
 MÜLLER, J. H., 138  
 MÜLLER, R. W., 246  
 MUIR, A., 502  
 MUIRHEAD, E. E., 25, 83, 380  
 MUIRHEAD-THOMSON, R. C., 586  
 MULINOS, M. G., 186  
 MULLER, M. B., 618  
 MULLY, K., 376  
 MUNCH-PETERSEN, S., 530  
 MUNGER, R. S., 224\*  
 MURGATROYD, F., 332  
 MURPHY, B. M., 396  
 MURPHY, G. E., 223  
 MURPHY, J., 250  
 MURPHY, J. C., 81  
 MURPHY, J. D., 553  
 MURPHY, T. L., 394  
 MURRAY, E. S., 98  
 MURRAY, G., 404\*  
 MUSSelman, A. D., 362  
 MUSTARD, H. S., 530  
 MUTCHE, N., 176  
 MUTH, H., 468  
 MYERS, G. B., 56, 492\*  
 MYERS, J. A., 668  
 MYERS, R. J., 118\*  
 MYHRE, J., 283  
 MYLON, E., 381  
 MYNORS, L. S., 276
- NABARRO, J. D. N., 278  
 NACHMANSOHN, D., 12  
 NADLER, C. S., 262  
 NAGAMATSU, G., 398  
 NAGELSCHMIDT, G., 6  
 NAGEY, S. F., 572  
 NAGLEY, M. M., 217  
 NAIRN, R. C., 175  
 NALEFSKI, L. A., 121\*  
 NALLS, W. L., 357  
 NARAYANASWAMI, P. S., 659  
 NARSETE, E. M., 345  
 NASSAU, E., 218  
 NASSET, E. S., 506  
 NATAF, R., 105\*  
 NATHAN, P. W., 204, 256  
 NEAL, W., 385  
 NEDELJKOVIC, J., 435  
 NEEDHAM, G. M., 132  
 NEEDHAM, J. W., 373  
 NEEL, J. V., 382\*
- NEILL, C. A., 366  
 NEIMANN, N., 258  
 NEIMARK, O., 392  
 NELIGH, R. B., 165, 268  
 NELSON, C. T., 387  
 NELSON, J., 423  
 NELSON, P. A., 585  
 NELSON, W. E., 424  
 NEMOURS-AUGUSTE, S., 342  
 NESBITT, S., 283  
 NETTO, J. A., 112\*  
 NEUBAUER, C., 95  
 NEUBURGER, M., 672\*  
 NEUHAUSER, E. B. D., 473, 633\*  
 NEUMANN, C. Z., 149  
 NEUMANN, M. A., 309  
 NEVILLE, J. F., 567\*  
 NEWBURGH, L. H., 344  
 NEWCOMER, V. D., 193\*  
 NEWMAN, A. A., 601  
 NEWMAN, E., 250  
 NEWMAN, L. F., 559\*  
 NEWTON, G. G. F., 579\*  
 NEWTON, W. A., 390  
 NEWTON, W. I., 439  
 NEY, H., 587  
 NEYMAN, C. A., 201\*  
 NIACI, S., 287\*  
 NICHOL, A. D., 116  
 NICHOLS, A. C., 349  
 NICHOLS, D. R., 132  
 NICHOLSON, H., 281  
 NICKEL, K. C., 109  
 NICKERSON, M., 347\*  
 NIE, L. W., 92  
 NIEDERMEIER, W., 522  
 NIELSEN, A. L., 494  
 NIELSEN, H., 589  
 NIEMAYER, P., 138  
 NIERO, G., 607  
 NIGST, H., 224\*  
 NOALL, M. T., 208  
 NOE, H. A., 577, 578  
 NOGUER MORE, S., 188  
 NOMLAND, R., 622  
 NOORDAM, A. L., 5\*, 657  
 NORCROSS, B. M., 86  
 NORDENSON, N. G., 648  
 NOR EL DIN, G., 537\*  
 NORMAN, R. M., 203  
 NORTHFIELD, D. W. C., 355  
 NORTON, D. H., 645  
 NOSTER, K., 350  
 NOTARIO, A., 277  
 NOTTER-BLUM, A. H., 36  
 NOUAILLE, J., 618  
 NOVAK, M., 42  
 NOVEL, E., 422  
 NUSSEY, A. M., 289
- OAKES, W. R., 242  
 OAKLEY, C. L., 146  
 ÖBERG, G., 544  
 ÖRTTEL, J., 187  
 O'CONNOR, J. B., 104, 433  
 ODEBLAD, E., 77  
 ODEL, H. M., 403  
 ODIER, J., 260  
 ODOM, G. L., 129  
 O'DRISCOLL, D. T., 389  
 VON OETTINGEN, W. F., 464\*  
 OFFENHAUSER, W., 444  
 OGILVIE, C. M., 565  
 OGINSKY, E. L., 603, 604  
 OGNEV, B. V., 619  
 OLANSKY, S., 516, 646  
 ULBRICH, O., 250\*, 476\*  
 OLDENBURG, B., 549\*  
 OLDFELT, V., 418  
 OLDHAM, P. D., 228  
 O'LEARY, P. A., 19, 303  
 OLESEN, H., 475  
 OLTISKY, P. K., 249\*  
 OLIVEIRA CUNHA, H., 511  
 OLIVEIRA MORAIS, F., 512  
 OLIVER, E. A., 644  
 OLIVER, J., 84  
 OLIVER, R., 396  
 OLLSWANG, A. H., 646  
 OLNIK, H. M., 32  
 OLSEN, A. M., 38  
 OLSHAKER, B., 237
- OLSON, B. J., 19  
 OLSON, E. C., 381  
 OLSSON, O., 29  
 OLWIN, J. H., 252\*  
 O'NEILL, D., 198, 654\*  
 ONG, S. G., 34  
 D'ONOFRIO, V., 239  
 OPDYKE, D. F., 119  
 OPIE, E. L., 142  
 OPPENHEIM, E., 39  
 OPPENHEIMER, M. J., 137, 232  
 OPSAHL, J. C., 36\*  
 ORIAS, O., 574  
 ORKIN, L. A., 647  
 ORSINI, M., 370  
 ORTEGA, L. G., 577  
 ORTH, O. S., 15, 576  
 ORTMANN, A., 253\*  
 OSBORNE, R. L., 203  
 OSBORNE, S. L., 201\*  
 OSHRY, E., 588  
 OSMOND, J. D., 396  
 OSMOND, L. H., 614  
 OSSIPOVSKI, B., 387  
 OSTENFELD, I., 527  
 OSWALD, P. E., 602  
 OTTE, H., 550  
 OTTO, G. F., 333\*  
 OTTOMAN, R., 13  
 OUCHTERLONY, O., 226, 407\*  
 OUNSTED, C., 484  
 OVERMAN, R. S., 601  
 OVERMAN, W., 234\*  
 OWENS, W. I., 246  
 OWREN, P. A., 170, 252
- PACKER, H., 203, 440  
 PACZOWSKY, J., 326  
 PAGE, I. H., 195, 359  
 PAGE, J. E., 496\*  
 PAGEL, W., 374  
 PAHUD, J. J., 616  
 PAINE, R., 499  
 PAKESCH, E. F., 317  
 PALACIOS COSTA, N., 24  
 PALAZZI, A. S., 620\*  
 PALAZZO, W. L., 592  
 PALEY, K. R., 127  
 PALEY, P. Y., 430, 431  
 PALEY, R. G., 612  
 PALLARDO PEINADO, L. F., 261  
 PALMBORG, G., 407\*  
 PALMER, E. D., 303, 637  
 PALMER, R. S., 622  
 PALMER, W. L., 71, 284, 287, 289, 636  
 P'AN, S. Y., 579  
 PANDALAI, K. M., 128  
 PANGANIBAN, E. C., 260  
 PANNIER, R., 668  
 PANSE, F., 94  
 PANSY, F., 43  
 PANTLITSCHKO, M., 635  
 PANZER, R., 391  
 PAOLETTI, M., 137\*  
 PAPE, R., 243  
 PAPPENHEIMER, A. M., 477  
 PAPPER, E. M., 126\*  
 PARADE, G. W., 219\*  
 PARAF, A., 206  
 PARAF, J., 649  
 PARDEE, H. E. B., 374\*  
 PARE, J. A. P., 614  
 PARISI, P., 80  
 PARK, W. W., 3  
 PARKER, L. F. J., 496\*  
 PARKER, M. T., 339  
 PARKER, R. L., 158  
 PARKER, R. R., 656  
 PARRA, Y., 441  
 PARROT, G., 320\*  
 PARROT, L., 320\*  
 PARSONAGE, M. J., 411  
 PASCHER, F., 79  
 PASEYRO, P., 403  
 PASK, V. M., 607\*  
 PASQUINUCCI, G., 432, 433  
 PATEL, J. C., 544  
 PATERSON, J. C. S., 331\*  
 PATNODE, R. A., 330\*  
 PATT, H. M., 239, 590\*  
 PATTERSON, M. C., 616

## AUTHOR INDEX TO VOLUME 7

- PATTERSON, P. R., 631  
 PAUL, L. W., 358  
 PAUL, W. D., 71, 210  
 PAULL, R. H., 333, 446\*  
 PAULING, L., 496  
 PAVEL, I., 118\*  
 PAYNE, E. H., 109, 661, 662  
 PEABODY, G. E., 191, 472  
 PEACOCK, W. C., 274, 588  
 PEALE, A. R., 528  
 PEARSALL, H. R., 361\*  
 PEARSE, A. G. E., 291  
 PEARSON, S., 76  
 PEART, A. F. W., 450, 451  
 PECORA, L. J., 464  
 PEDROCHE, A., 260  
 PEERS, J. H., 538  
 PEET, M. M., 268  
 PEIRCE, C. B., 470  
 PELMIK, D., 441  
 PELLIZZARI, G., 206\*  
 PELLEGRINO, V., 438  
 PELLER, S., 224\*  
 PELLISSIER, A., 319\*  
 PELNAR, P., 452  
 PELOSIO, C., 373  
 PEMBERTON, H. S., 271  
 PEMBERTON, J., 227  
 PENDERGRASS, E. P., 471  
 PENFIELD, W., 524  
 PENNES, H. H., 456  
 PENROSE, L. S., 5\*  
 PERCIVAL, G. H., 299  
 PERELMAN, H., 618\*  
 PERERA, G. A., 135  
 PEREZ, E., 649  
 PEREZ, E., 486  
 PÉREZ GALLARDO, F., 321  
 PERITI, P., 432, 433  
 PERLMAN, H. H., 189  
 PERLMANN, G. E., 41  
 PERLMUTTER, M., 74  
 PERLOFF, W. H., 184  
 PERRIN, A., 110  
 PERRY, J. W., 96  
 PERRY, S. M., 652  
 PERRY, W. F., 40\*  
 PERTUSET, B., 590  
 PETCH, C. P., 409\*  
 PETERS, G. A., 268, 572  
 PETERS, J. H., 53  
 PETERS, J. P., 582  
 PETERSEN, A. B., 68  
 PETERSEN, I., 9  
 PETERSON, J. C., 626  
 PETERSON, M. C., 519  
 PETERSON, W. G., 347  
 PETIT-DUTAILLIS, D., 528, 590  
 PETRIE, P. W. R., 114  
 PEYTON, W. T., 534  
 PFÄNDLER, U., 118\*  
 PFEIFER, A., 23  
 PFUETZE, K. H., 126, 664, 668  
 PHELPS, E. T., 451\*  
 PHILIP, C. B., 320  
 PHILIPP, E., 32  
 PHILIPPOT, E., 11, 156  
 PHILLIPS, A. P., 458  
 PHILLIPS, E., 377\*  
 PHILLIPS, S. K., 71\*  
 PIAGGIO BLANCO, R. A., 403  
 PICKERING, G. W., 286  
 PIERAERTS, G., 487  
 PIETROWSKI, J. J., 103  
 PILCHER, C., 202  
 PILGERSTORFER, W., 517\*  
 PILON, —, 663  
 PINAKAPANI, S., 21\*  
 PINES, K. L., 135, 233\*  
 PIPKIN, A. C., 332  
 PIQUE, J. A., 649  
 PIRINGER, W., 517\*  
 PIRKEY, E. L., 141  
 PIRONE, P. P., 319\*  
 PITTMAN, M., 19  
 PITTS, R. F., 120, 598\*  
 PIZZOLATO, P., 382  
 PLACE, E. H., 322  
 PLANSON, E., 544  
 PLAS, F., 168  
 PLATAKIS, J., 363  
 PLATT, W. D., 176, 665  
 PLATT, W. R., 135  
 PLESSINGER, V. A., 556\*  
 PLOTZ, C. M., 643  
 PLOTKE, F., 301, 401, 515  
 PLUMMER, N., 603  
 PLUVINAGE, R., 342\*  
 POCHIN, E., 568  
 POGNAN, C., 118  
 POKORNÁ, L., 592  
 POLÁČEK, L., 200  
 POLLERY, H. F., 110  
 POLLOCK, L. J., 318  
 POLONI, A., 206\*  
 POLÓNIO, P., 535  
 PONDER, R., 118\*  
 DE PONTI, C., 357  
 POOLE, C. S., 291  
 POOLE, S. O., 418  
 POOS, F., 33  
 POPE, H., 330\*  
 POPOVÍČ-SAVIĆ, J., 435  
 POPP, W. C., 242  
 POPP, M. H., 356, 634  
 POPPER, H., 179, 180  
 PORJÉ, I. G., 493  
 POROT, M., 655  
 PORTER, A., 80  
 PORTER K. R., 568  
 PORTERFIELD, J. S., 605\*  
 PORTMANN, A. F., 459  
 PORTMANN, U. V., 396  
 POSTEL, S., 239  
 POTTS, W. J., 58  
 POU DÍAZ, J., 255  
 POWELL, B. W., 46  
 POWELL, C. C., 464\*  
 POWER, M. H., 71, 72, 283, 291  
 POWERS, S. R., 157  
 DE PRADA, J., 541, 656  
 PRAIN, J. H., 584\*  
 PRAKKEN, J. R., 510  
 PRATT, E. L., 197  
 PRATT, R., 42  
 PRATT-THOMAS, H. R., 165  
 PREIFER, C. A., 36\*  
 PRIBILLA, W., 550  
 PRICE, C. W., 236\*  
 PRICE, H. J., 546  
 PRICE, I. N. O., 361\*  
 PRICE, P. B., 465  
 PRICHARD, R. W., 651  
 PRIETO, G., 29  
 PRIGAL, S. J., 350  
 PRIGOT, A., 513  
 PRINDLE, R. A., 229  
 PRINZ, F., 582  
 PRINZMETAL, M., 183\*, 378, 379  
 PRITCHARD, J. A., 66  
 PRIVITERI, C. A., 634  
 PRUNTY, F. T. G., 50  
 PRYOR, H. B., 109  
 PUCK, T. T., 561  
 PUGH, L. G. C., 617  
 PULASKI, E. J., 17, 351  
 PULLICINO, G. C., 112\*  
 PULLINGER, B. D., 598  
 PULLMAN, T. N., 284  
 PULVERMACHER, E., 29  
 PUMP, K., 614  
 PUNDEL, P., 623  
 PUNTIGAM, F., 225, 563  
 PUTNAM, D. E., 646  
 PUTNIK, D., 435  
 PUTSCHAR, W. G. J., 618\*  
 QUADBECK, G., 127  
 QUASTLER, H., 138  
 QUICK, A. J., 168, 343\*, 361, 568\*, 601  
 QUIEROGA, L. T., 230\*  
 QUILLIAM, J. P., 121  
 QUIMBY, E. H., 508  
 QUINLIN, P. M., 249\*  
 QUIVY, D., 570  
 RAASCHOU, F., 161, 195  
 RABEN, M. S., 293  
 RABINER, A. M., 231  
 RABINOWITCH, I. M., 371  
 RABY, K., 463  
 RABY, W. T., 323, 324  
 RACADOT, —, 208  
 RACE, G. G., 474\*  
 RACHET, J., 179  
 RACHMILEWITZ, M., 273  
 RADENBACH, K. L., 549  
 RADTKE, F., 526  
 RADWIN, L. S., 508\*  
 RAFALOVITCH, S. M., 605\*  
 RAFFEL, S., 387  
 RAGAN, C., 521, 643  
 RAGNI, M., 349  
 RAKHMEI, E. A., 148  
 RALL, J. E., 403  
 RALLI, E. P., 394  
 RALPH, P. H., 601\*  
 RALSTON, R. J., 662  
 RAMACHANDRAN, R., 552  
 RAMAMURTHI, B., 21\*  
 RAMAN, T. K., 21\*  
 RAMES, E. D., 360  
 RAMMILKAMP, C. H., 562, 603  
 RAMOS, J., 621  
 RAND, C. W., 199  
 RANDALL, H. T., 596  
 RANDALL, K. J., 45\*, 563  
 RANDALL, L. O., 347  
 RANDALL, R., 364\*  
 RANSFORD, P. M., 256  
 RANSMEIER, J. C., 546  
 RANSOME, G. A., 331\*  
 RANSTRÖM, S., 488  
 RANTZ, L. A., 425  
 RAOUL-DUVAL, —, 167  
 RAPOORT, M., 404\*  
 RAPPAPORT, E. M., 39  
 RAPPAPORT, M. B., 162, 490  
 RASCOFF, H., 539\*  
 RASHKIND, W. T., 343\*  
 RASKINA-BRAUDE, M. V., 616\*  
 RASMUSSEN, T., 141  
 RASPONI, L., 295  
 RATNOFF, O. D., 504  
 RAUSCHKOLB, J. E., 515  
 RAUSHENBAKH, M. O., 475  
 RAVDIN, I. S., 349  
 RAVINA, A., 84  
 RAVITS, H. G., 296  
 RAWLINGS, J. M., 148  
 RAWLS, N. B., 591  
 RAWSON, R. W., 588  
 RAY, C. T., 234\*  
 RAY, L. J., 455  
 RAYNAUD, J., 396  
 RAZEMON, P., 668  
 RAZIMOV, N. P., 390  
 REA, E. L., 637\*  
 READ, T. J. T., 62  
 READER, G., 472  
 REARDON, M. J., 268  
 REBELL, G., 297\*  
 V. RECHENBERG, H. K., 426  
 RECINOS, A., 237  
 REDFEARN, J. W. T., 351  
 REDNER, B., 47  
 REEVES, R. J., 163  
 REGNA, P. P., 22\*, 579  
 REICHEL, W. S., 470, 637  
 REICHER, J., 49  
 REID, D. E., 343\*  
 REID, E., 249\*  
 REID, F., 593  
 REID, H. A., 54  
 REIMANN, H. A., 485  
 REIN, C. R., 516  
 REINHOLD, J. G., 262  
 REINHOLD, M., 651  
 VON REIS, G., 525  
 REISEL, J. H., 625  
 REISNER, E. H., 165  
 REISS, F., 76  
 REISS, M., 396  
 REKERS, P., 242\*  
 RELMAN, A. S., 619  
 RENARD, M., 535  
 RENNIE, J. B., 491, 634  
 RENTON, P. H., 343\*  
 REUBI, F. C., 160  
 REUMONT, M., 204  
 REXTED, B., 528  
 REYN, A., 194  
 REYNES, V., 100  
 RHANEY, K., 482  
 RHEINLANDER, H. F., 502  
 RHOADS, J. E., 391  
 RHOADS, P. S., 17  
 ROOST-PAULI, H., 348  
 ROOST-PAULI, M., 348  
 ROOT, H. F., 153  
 ROOT, M. A., 11  
 ROOTH, G., 17\*  
 ROSAHN, P. D., 514\*  
 ROSCOE, J. D., 481  
 ROSE, A. S., 192  
 ROSE, B., 614, 642

## AUTHOR INDEX TO VOLUME 7

703

- ROSE, G. A., 171  
 ROSE, L. M., 127  
 ROSEN, G., 112\*, 224\*  
 ROSEN, H., 262  
 ROSEAU, B. J., 193\*  
 ROSENBERG, E. F., 52  
 ROSENBERG, L. S., 357  
 ROSENBLATT, P., 96  
 ROSENBLUM, S. E., 389  
 ROSENBURG, M. J., 374\*  
 ROSENHEIM, M. L., 271, 272  
 ROSENMAN, R. H., 264  
 ROSENTHAL, R. L., 360  
 ROSENTHAL, S. R., 274, 278\*  
 ROSHCHIN, V. P., 475  
 ROSIER, M., 411\*  
 ROSIN, A., 273  
 ROSS, S., 237, 423, 462, 662  
 ROSS, V., 99, 477  
 ROSSMAN, I., 588  
 ROTÉS, J., 86  
 ROTH, H. H., 468  
 ROTH, L. W., 368  
 ROTH, O., 627  
 ROTH, P., 290\*  
 ROTHSCHILD, A., 133  
 ROTTENBERG, L. A., 388  
 ROTTER, R., 475  
 ROTTINO, A., 65, 274  
 ROUNTREE, P. M., 362  
 ROUQUÈS, L., 203  
 ROUILLON, J., 84  
 ROUTIEN, J., 579  
 ROUTIER, D., 378  
 ROVELLO, F., 306  
 ROVELSTAD, R. A., 180  
 ROVENSTINE, E. A., 126\*  
 ROVIRALTA, E., 482  
 ROWE, C. L., 514\*  
 ROWE, R. J., 193\*, 254\*  
 ROWLEY, D., 581\*  
 ROY, E. C., 260  
 ROZANSKY, R., 20, 362\*  
 ROZENTAL, A. S., 148  
 RUBBO, S. D., 334  
 RUBENSTEIN, L., 252\*  
 RUBIN, E. H., 430  
 RUBIN, L., 190  
 RUBIN, M., 434  
 RUBIN, M. I., 404\*  
 RUBINS, J. L., 91  
 RUBINSTEIN, M. A., 385  
 RUBIO, C., 54  
 RUBITSKY, H. J., 486  
 RUBY, B., 380  
 RUDBÄCK, L., 427  
 RUDHE, U., 455  
 RUDNEY, H., 230\*  
 RUHE, D. S., 442, 443  
 RUITER, M., 511  
 RUIZ SÁNCHEZ, A., 320  
 RUIZ SÁNCHEZ, F., 320  
 RULE, A. M., 188  
 RUMBALL, J. M., 239  
 RUMYANTSEV, A. V., 476  
 RUNDLES, R. W., 170  
 RUPP, F., 616  
 RUSCH, H. P., 596  
 RUSKIN, A., 331\*, 577\*  
 RUSSELL, B., 49  
 RUSSELL, D. S., 311  
 RUSSELL, S. J. M., 666  
 RUSSELL, W. T., 450  
 RUST, E., 145  
 RUSTING, E., 345\*  
 RUTBERG, F. L., 210  
 RUTENBERG, A. M., 647  
 RUTLEDGE, D. I., 265  
 RUTZKY, J., 275  
 RUYA, A. C., 5\*  
 RYAN, M. L., 545  
 RYLE, J. A., 450
- SABIN, A. B., 441\*  
 SACHS, E., 9\*  
 SADUSK, J. F., 104  
 SÁENZ, A., 552  
 SAFWAT, A., 661  
 SAHLGREN, E., 525  
 SAINT, W. K., 272  
 SAINT-ETIENNE, J., 100  
 ST. VINCENT, L., 579\*
- SALCEDO, J., 260  
 SALCEDO VEGA, V., 418\*  
 SALES, L. M., 500\*  
 SALINGER, S., 291\*  
 SALISBURY, P. F., 624  
 SALVI, A. E. K., 438\*  
 SALVIN, S. B., 144\*  
 SAMITZ, M. H., 78\*  
 SAMSON, J. J., 158  
 SAMS, W. M., 295  
 SAMTER, M., 151  
 SAMWICK, A. A., 169  
 SÁNCHEZ-BARRIGA CARAPETO, M., 78, 646\*  
 SANCHO MARTINEZ, F., 46  
 SAND, R., 560\*  
 SANDAGE, C., 145\*  
 SANDBLOM, P. H., 633  
 SANDERS, M., 239  
 SANDERSON, M., 587\*  
 SANES, S., 638  
 SANJEEVARAO, P., 552  
 SANTE, L. R., 632  
 SANTOS, P. M., 466\*  
 SAPEKA, N., 270  
 SAPERO, J. J., 193  
 SAPPINGTON, T. S., 285, 288  
 SARTORIUS, O. W., 120, 290, 598\*  
 SATI, M. H., 105  
 SATTENSPIEL, E., 476\*  
 SAUNDERS, R. H., 45\*  
 SAUTTER, V., 603  
 SAVAGE, M. C., 579\*  
 SAVARINO, S., 105\*  
 SAVILAHTI, M., 155, 374  
 SAVITT, L. E., 80  
 SAWCHUK, S., 528  
 SAWITSKY, A., 275  
 SAWTELLE, W. W., 571  
 SAWYER, G. M., 532\*  
 SAWYER, P. N., 391  
 SCALFI, L., 541  
 SCARZELLA, M., 131  
 SCHAEFER, H., 54\*  
 SCHAEFER, R., 399  
 SCHAEFFER, M., 419  
 SCHAFER, P., 229  
 SCHAEFFENBURG, C., 183  
 SCHAJOWICZ, F., 649  
 SCHABAUM, I. G., 238  
 SCHEFF, G. J., 601\*  
 SCHENNETTEN, F. P. N., 377  
 SCHERF, D., 158, 376, 491\*  
 SCHERRER, J., 576  
 SCHUERMANN, W. G., 653  
 SCHIELE, B. C., 534  
 SCHIFANI, L., 465\*  
 SCHILDACK, H. R., 141  
 SCHILLER, I. W., 485  
 SCHILLER, M., 318  
 SCHILLING, J. A., 36\*  
 SCHILLING, R. F., 627  
 SCHIPPER, G. J., 516\*  
 SCHLESINGER, B., 85, 264  
 SCHLESINGER, M. J., 247\*  
 SCHLÉSINGER, R. W., 44, 45  
 SCHLICHTER, J. G., 129  
 SCHLOSS, E. M., 368  
 SCHLOSS, W. A., 647  
 SCHMERMUND, H. J., 28  
 SCHMID, J. F., 368  
 SCHMIDT, C., 508  
 SCHMIDT, H., 417  
 SCHMIDT, L. H., 128  
 SCHMIDT-VOIGT, J., 550  
 SCHMITT, F. O., 603  
 SCHMITZ, A., 550  
 SCHNABEL, T. G., 209  
 SCHNEIDER, W., 510  
 SCHNITZER, R. J., 18  
 SCHOBERT, W., 412  
 SCHOCH, A. G., 301, 515  
 SCHÖENBACH, E. B., 238, 461, 462, 577  
 SCHÖNFELD, W., 514  
 SCHOLTZ, H., 436  
 SCHOMER, A., 172  
 SCOR, H. C., 7  
 SCHRAUZSTÄTTER, E., 462\*  
 SCHREIBER, F. G., 221  
 SCHRENK, H. H., 226\*  
 SCHROEDER, H. A., 184, 305  
 SCHRODER, W., 246  
 SCHUBERT, M., 221
- SCHÜFFNER, W., 446  
 SCHULMAN, J., 635  
 SCHULTE, G., 30  
 SCHULTZ, A. E., 130  
 SCHULTZ, J., 394  
 SCHULZE, W., 152  
 SCHULZE-BUSCHOFF, H., 658  
 SCHUNK, A., 403  
 SCHWAB, H., 415  
 SCHWAB, R. S., 414\*  
 SCHWARTING, V. M., 363  
 SCHWARTZ, B. M., 277  
 SCHWARTZ, E. G., 49, 615  
 SCHWARTZ, L. L., 378  
 SCHWARTZ, M., 123  
 SCHWARTZ, S., 152  
 SCHWARTZ, S. P., 57  
 SCHWARTZMAN, J., 426  
 SCHWARTZ, E., 164  
 SCHWEINBURG, F. B., 647  
 SCHWEMLEIN, G. X., 302, 515  
 SCIARRA, D., 651  
 SCOBAY, R. R., 658  
 SCOTT, G. D., 363\*  
 SCOTT, G. E. M., 610  
 SCOTT, J. M., 63  
 SCOTT, V., 192  
 SCOTT, W. G., 594\*  
 SCOTT, W. W., 77\*, 367\*, 517  
 SCOTT PARK, S. D., 634  
 SCRIBA, K., 153  
 SCUDAMORE, H. H., 568  
 SCUDER, H. I., 115  
 SCUDI, J. V., 215  
 SEABURY, J. H., 260  
 SEATON, D. R., 443  
 SEBRELL, W. H., 1  
 SECKEL, H. P. G., 367\*  
 SEDALLIAN, P., 110  
 SEE, J., 445\*  
 SEED, J. C., 578  
 SEEGERS, W. H., 456  
 SEELEY, D. B., 579  
 SEGAL, M. S., 279, 486, 499  
 SEGERS, M., 54, 154  
 SEIDELIN, G., 602  
 SEIDLIN, S. M., 588  
 SEIFERT, H. M., 420  
 SEIFTER, J., 649  
 SEIP, M., 429\*  
 SELBIE, F. R., 254  
 SELIGMANN, E., 131, 647  
 SELKURT, E. E., 36  
 SELLEI, C., 305  
 SELLERS, E. A., 640  
 SELWYN, J. G., 64, 343\*  
 SELYE, H., 183, 294, 486\*, 523  
 SELZER, A., 492  
 SENeca, H., 213  
 SENEVIRATNE, R. D., 230\*  
 SEN GUPTA, P. C., 332  
 SEPPELIN, D. K., 12  
 ŠERCL, M., 651  
 SERVILLE, M., 61, 618  
 SEVIN, A., 554  
 SEVITT, S., 562  
 SEYSS, R., 243  
 DE SÈZE, S., 245, 307  
 SHAFAER, C. L., 242  
 SHAFFER, C. H., 236\*  
 SHAFFER, L. W., 302  
 SHAH, M. J., 322  
 SHAMASKIN, A., 665\*  
 SHAMESOVA, L. G., 546  
 SHANBERGE, J. N., 168  
 SHANK, R. E., 1  
 SHAPIRO, D. M., 577  
 SHAPIRO, M. J., 162  
 SHAPIRO, S. I., 622  
 SHARLAI, R. I., 636  
 SHARLIT, H., 190  
 SHARP, A. E., 579\*  
 SHARP, E. A., 109, 164  
 SHARP, V. E., 579\*  
 SHARPLESS, N. E., 464\*  
 SHAW, E. W., 322, 539  
 SHAW, F. H., 570  
 SHAW, W. M., 126\*  
 SHEARMAN, A. M., 613  
 SHEEHAN, D., 386  
 SHEEHAN, H. L., 44\*, 643  
 SHEIMAN, L., 251  
 SHEINMEL, A., 634
- SHELDON, W., 47, 610  
 SHELLEY, H. M., 563  
 SHEN, J. T. Y., 322  
 SHENKIN, H. A., 653  
 SHEPARD, K. S., 236  
 SHEPPARD, I. M., 368  
 SHERMAN, I. C., 318  
 SHERMAN W. B., 151, 613, 644  
 SHETLAR, C. L., 249  
 SHETLAR, M. R., 249  
 SHEVLYAGINA, M. I., 505  
 SHIELDS, H. L., 15  
 SHINDLEDECKER, J. B., 193  
 SHOCK, N. W., 343, 617  
 SHOOKHOFF, H. B., 333  
 SHOOTER, R. A., 351  
 SHORR, H. E., 394  
 SHORT, D. S., 85\*, 319  
 SHORT, R. H. D., 259  
 SHORTT, H. E., 558  
 SHORVON, H. J., 532  
 SHRAGG, R. I., 238  
 SHREWSBURY, J. F. D., 447, 559\*  
 SHULL, G. M., 579  
 SHULMAN, B., 179  
 SHUTE, P. G., 449, 558  
 SHWACHMAN, H., 631  
 SIEBENS, A. A., 167  
 SIEGEL, E., 588  
 SIEGMUND, O. H., 346  
 SIERING, H., 360  
 SIGMON, H. E., 240, 465\*, 584\*  
 SIGWALD, J., 413  
 ŠÍKL, H., 480  
 SILBERBERG, M., 597  
 SILBERBERG, R., 597  
 DA SILVA, M. P., 621  
 DA SILVA LACAZ, C., 418\*  
 DE SILVA, C. C., 556  
 SILVER, C. M., 483  
 SILVERBERG, M. G., 79  
 SILVERBERG, R. J., 545  
 SILVERMAN, F. N., 607  
 SILVERMAN, G., 175  
 SILVERMAN, J. J., 380  
 SILVERSTEIN, A., 528  
 SILVERSTEIN, M. E., 398  
 SIMKIN, B., 183\*  
 SIMON, A. J., 267, 378  
 SIMON, M. A., 285  
 SIMON, N., 177  
 SIMON, R. D., 254  
 SIMON, S., 387  
 SIMONS, R. D. G. P., 297  
 SIMONTON, K. M., 569  
 SIMPSON, I. A., 659  
 SIMPSON, M. E., 120\*  
 SIMPSON, R. S., 356  
 SIMPSON, S. L., 76  
 SIMROCK, W., 542  
 SIMUANGCO, S., 657  
 SINCLAIR, R. J. G., 85\*  
 SINGER, C., 336  
 SINGER, I. M., 158  
 SINGER, K., 475  
 SINGER, S. J., 496  
 SINGH, K., 105\*  
 SIROTA, J. H., 584\*  
 SITA LUMSDEN, E. G., 280  
 SJAARDEMA, H., 199  
 SJÖGREN, B., 76, 119, 160  
 SJÖLIN, S., 327  
 SJÖSTRAND, T., 455, 457  
 SKADHAUGE, K., 349  
 SKAGGS, L. S., 138, 590\*  
 SKINNER, C. E., 363  
 SKIPPER, H. E., 66  
 SKOUBY, A. P., 268  
 SLACK, H. G. B., 62  
 SLATKIN, M. H., 188  
 SLEATOR, W., 567\*  
 SLOAN, R. D., 517  
 SLOCUMB, C. H., 110  
 SLOPEK, S., 16  
 SLUCZEWSKI, A., 290\*  
 SMADEL, J. E., 320, 323, 402, 420,  
 421, 660  
 SMART, G. A., 177  
 SMELLIE, J. M., 258\*  
 SMILLIE, R. A., 450  
 SMITH, A. N., 391  
 SMITH, D. E., 590\*  
 SMITH, D. T., 418\*

## AUTHOR INDEX TO VOLUME 7

- SMITH, E., 96  
 SMITH, E. L., 496\*  
 SMITH, E. R., 202  
 SMITH, F. W., 36\*  
 SMITH, H. F., 601  
 SMITH, H. L., 110  
 SMITH, H. W., 603  
 SMITH, I. H., 487\*  
 SMITH, J. C., 227, 340  
 SMITH, J. F., 20, 211  
 SMITH, J. R., 499  
 SMITH, M. I., 328  
 SMITH, P. H., 603, 604  
 SMITH, S., 518  
 SMITHBURN, K. C., 96, 211  
 SMYTH, N. P. D., 67\*  
 SNAPP, R. H., 512  
 SNELL, A. C., 36\*  
 SNELL, A. M., 168  
 SNELL, F. M., 382\*  
 SNIFFEN, R. C., 174, 500  
 SNODGRASS, H. M., 639  
 SNORRASON, E., 522  
 SNYDER, J. C., 98  
 SNYDERMAN, S. E., 454  
 SOBERON, G., 441  
 SOBIN, B. A., 579  
 SOETERS, J. M., 47  
 SOFFER, L. J., 505  
 SOLDI, A., 465\*  
 SOLOMON, C., 239  
 SOLOMON, D. H., 305\*  
 SOLOMON, H. C., 192, 410  
 SOLOMON, W. M., 371  
 SOLOMONS, I. A., 22\*, 579  
 SOLOVYEV, V. D., 478  
 SOLWAY, A. J. L., 267  
 SOLYMOSS, A., 84  
 SOMMER, E., 592  
 SOMMER, F., 202  
 SOMMER, L. S., 235\*  
 SOMMER PEDERSEN, B., 623  
 SOMMERS, S. C., 474  
 SONCK, C. E., 334\*, 402  
 SONNENSCHEIN, R. R., 198, 570  
 SOO-HOO, G., 18  
 SORKIN, S. Z., 505\*  
 SORREL, A., 349, 542  
 SORREL, G., 191  
 SORSBY, A., 17\*  
 SOSMAN, M. C., 185  
 SOULAIRAC, A., 535  
 SOULIE, P., 378, 618  
 SOULIER, J. P., 382  
 SOUŠEK, O., 636  
 SOUTHCOFT, R. V., 339  
 SPALDING, J. M. K., 469  
 SPAULDING, E. H., 254\*  
 SPEAKMAN, T. J., 567\*  
 SPECTOR, S., 483  
 SPENCE, M. P., 78  
 SPENCER, F. C., 157  
 SPENCER, M. P., 36  
 SPENDLOVE, G. A., 330\*  
 SPERANSKI, G. N., 148  
 SPICKNALL, C. G., 444  
 SPIEGEL, E. A., 88  
 SPIES, T. D., 166, 276, 306, 411\*, 486, 505, 522, 642  
 SPILLANE, J. D., 205, 307  
 SPINDLER, M., 586  
 SPINK, W. W., 323, 438, 450\*, 662  
 SPITZ, E. B., 653  
 SPITZER, N., 194  
 SPITZNAGEL, J. K., 364  
 SPRAGUE, H. B., 162, 490  
 SPRAGUE, R. G., 294  
 SPRECHLER, M., 522  
 SPRENT, J. F. A., 222  
 SPRITZLER, R., 378, 379  
 SPRUNT, D. H., 220, 324  
 SQUIRE, J. R., 239\*  
 STADIE, W. C., 261, 373  
 STAHLER, N., 108  
 STANFORD, R. L., 614  
 STANGE, A., 139  
 STANIER, J. E., 255  
 STANKIEWICZ, R., 104  
 STANLEY, M. M., 506  
 STANLEY, W. M., 596  
 STANOJEVIC, L., 616  
 STANTON, J. B., 469  
 STANTON, J. R., 60, 125, 161, 493, 573  
 STARE, F. J., 568  
 STARK, O. K., 145\*  
 STARK, T. H., 43  
 STARK, W., 317  
 STATE, D., 287\*, 359  
 STATS, D., 277, 347  
 STAUFFER, H. M., 633\*  
 STEADMAN, L. T., 452  
 STEAÑNS, E., 410  
 STECHER, R. M., 371, 405  
 STEEL, M., 566\*  
 STEENKAMP, W., 103  
 STEEPLES, G. L., 8  
 STEFANINI, M., 168, 202, 361, 393, 504  
 STEIGMANN, F., 179, 180  
 STEIN, G., 355  
 STEIN, H. J., 182  
 STEIN, I., 55  
 STEIN, I. F., 126\*  
 STEIHL, T., 387  
 STEINBACH, M. M., 330\*, 430  
 STEINBERG, B. L., 271  
 STEINBERG, D. L., 612  
 STEINBERG, H. S., 644  
 STEINBERG, I., 266, 357, 472  
 STEINBROCKER, O., 85, 194  
 STEINER, A., 163  
 STEINER, R. E., 55  
 STEMMERMANN, G. N., 599  
 STEPTO, R. C., 466\*  
 STERLING, J. A., 197\*  
 STERLING, K., 289, 639  
 STERNBERGER, L. A., 476  
 STETTEN, D., 488  
 STEVENS, C. D., 249\*  
 STEVENS, K., 97  
 STEVENS, S., 662  
 STEVENSON, I. P., 316, 533  
 STEWART, C. P., 250\*, 476\*  
 STEWART, D., 112\*  
 STEWART, I. S., 100  
 STEWART, P. H., 249\*  
 STEWART, S. M., 20, 127  
 STICKNEY, J. M., 382  
 STOCK, C. C., 248  
 STOCK, R. J., 197  
 STOCKS, P., 564  
 STODDARD, F. J., 585  
 STOKES, H. L., 334  
 STOKES, J., 210, 641  
 STOKES, J. H., 516  
 STOLLER, A., 411\*  
 STONES, D. G. H., 20  
 STONE, H., 183  
 STONE, H. H., 261\*  
 STONE, R. E., 166, 276, 306, 411\*, 505, 522, 642  
 STONE, S., 538  
 STOREY, N. E., 437\*  
 STRADE, H. A., 143\*  
 STRANSKY, E., 496\*  
 STRATTON, F., 343\*  
 STRAUB, L. R., 654  
 STRAUB, M., 325, 428  
 STRAUBE, G., 554  
 STRAUBE, R. L., 590\*  
 STRAUSS, F. H., 304  
 STRAUSS, E., 562 603  
 STRAX, S., 288  
 STREBEL, J., 336\*, 560\*  
 STREITFIELD, F. A., 180  
 STREITMANN, B., 515  
 STRICKLAND, B. A., 48  
 STRIEBICH, M. J., 37\*  
 STRITZLER, C., 78  
 STROM, L., 427  
 STRONG, F. G., 121  
 STRUTZMAN, J. W., 271  
 STUBBS, L. E., 538\*  
 STUCKI, H., 50  
 STÜBINGER, H. G., 56  
 SUÉCK, G. H., 394  
 SUHMER, A., 189  
 STURMER, E., 377  
 STURM, A., 326  
 STUTZ, E., 548  
 SUÁREZ, J. R. E., 174, 385, 457  
 SUÁREZ, R. M., 58\*, 486  
 SUÁREZ, R. M., Jr., 58\*  
 SUBIRIA, R., 54  
 SUDE, G., 501  
 SUGAR, M., 407  
 SUGIURA, K., 248  
 SULLIVAN, M., 298\*  
 SULLIVAN, T. D., 331  
 SULZBERGER, M. B., 298, 390  
 SULZER, R., 40  
 SUMMERS, V. K., 643  
 SUNDELIN, F., 85  
 SUNDERLAND, S., 455  
 SUSSMAN, M. L., 356  
 SUTHERLAND, D., 152  
 SUTTON, H., 672\*  
 SVEC, F. A., 17  
 SWAIN, H. L., 7, 8  
 SWAN, H. J. C., 460  
 SWAN, L. L., 175  
 SWAN, R. C., 23\*  
 SWANSON, E. E., 125  
 SWART, E. A., 19  
 SWARTZ, J. H., 296\*  
 SWEANY, H. C., 433, 551, 665\*, 667  
 SWEET, L. K., 99, 239\*, 420, 651  
 SWEET, R. H., 500  
 SWETZER, S. E., 512\*  
 SWELLENGREBEL, N. H., 219  
 SWENDSIED, M. E., 165  
 SWENSON, O., 502  
 SWENSSON, A., 134  
 SWIFT, M. N., 239, 590\*  
 SWIFT, H. F., 223  
 SWIFT, W. E., 104, 105\*  
 SWINYARD, E. A., 10  
 SWITZER, P. K., 165  
 VON SYDOW, G., 488  
 SYKES, E. M., 162  
 SYLVÉN, B., 243  
 SYLVEST, O., 275  
 SYMINGTON, T., 60, 421  
 SZÁK, J., 90  
 SZASZ, T. S., 287, 512\*  
 SZERB, J., 574  
 SZÉREMI, K., 625  
 SZONTÁGH, F., 640  
 SZÜCS, S., 342  
 TAGER, M., 144\*  
 TAGGART, S. R., 516, 646  
 TAGNON, R., 293, 507  
 TAKACS, W. S., 319\*  
 TALBOT, D. R., 529  
 TALBOT, J. C., 384  
 TALBOT, J. H., 489, 581  
 TALLAFERRO, L. G., 331  
 TALLAFERRO, W. H., 331  
 TANRET, P., 84  
 TANTRÉT, P., 658\*  
 TAFTAS, J. N., 229, 494\*  
 TAQUINI, A. C., 174, 385, 457  
 TARA, S., 6  
 TARACENA DEL PINAL, B., 46  
 TARAIL, R., 403  
 TARGOWLA, R., 313  
 TARTARINI, E., 392\*  
 TAT, R., 167\*  
 TATLOCK, H., 603  
 TATTERSALL, W., 101  
 TATTING, B., 383  
 TAUSIG, H. B., 58  
 TAYLOR, A. B., 110\*, 294  
 TAYLOR, G. F., 368  
 TAYLOR, H., 51  
 TAYLOR, H. L., 511, 611  
 TAYLOR, J., 46  
 TAYLOR, M., 313  
 TEBBUTT, A. H., 624  
 TE BROCK, H. E., 658  
 TEGLBÆRG, H. P. S., 206\*  
 TEGNER, W., 198  
 TEITELBAUM, M. D., 608  
 TELFER, S. V., 454  
 TELLO ORTIZ, A., 210  
 TENNENT, E. C., 527  
 TEODORI, M. I., 159  
 TERRANOVA, R., 491\*  
 TERRY, L. L., 444  
 TERZIAN, L. A., 108  
 THAYER, J. M., 611  
 THAYSEN, E. H., 370  
 THAYSEN, J. H., 370  
 THÉROND, C., 351  
 THIERSCH, I. B., 386  
 THIMANN, J., 416  
 THO, A., 302  
 THOMAS, E. W., 302, 516  
 THOMAS, N., 404\*  
 THOMPSON, A. W. S., 5  
 THOMPSON, B., 630  
 THOMPSON, B. F., 483  
 THOMPSON, C. R., 121  
 THOMPSON, E. A., 138  
 THOMPSON, E. C., 341  
 THOMPSON, F. A., 513  
 THOMPSON, W. S., 380  
 THOMSEN, G., 283  
 THOMSON, A. P., 1, 113  
 THOMSON, D. R., 419  
 THOMSON, E. F., 362  
 THOMSON, M. L., 275  
 THORLEY, A. S., 655  
 THORN, G. W., 518, 633\*  
 THREEFOOT, S. A., 234  
 THUILLIEZ, A. C., 382\*  
 THUNE, R., 667  
 THYGESEN, P., 201\*, 370  
 TIBBETTS, R. W., 622  
 TIFFEUAU, R., 457  
 TIGAY, E. L., 318  
 TIKHOMIROVA, N. P., 453  
 TILL, K., 351  
 TILLEMA, S., 625  
 TILLISCH, J. H., 242  
 TILLMANN, W. R., 414\*  
 TIMIRAS, P. S., 183, 294  
 TIMO JARIA, S., 418\*  
 TIMONEN, S., 486  
 TISDALE, F. F., 1  
 TISHLER, M., 22\*  
 TISON, F., 150  
 TOBIAS, J. M., 239  
 TOCHOWICZ, L., 161  
 TOCKER, A. M., 68  
 TODD, R. MCL., 104  
 TÖBEL, F., 203  
 TOLLSTRUP, J., 129  
 TOLONE, S., 329\*  
 TOLOT, F., 117  
 TOLUBEVA, N. A., 270  
 TOM, J., 99  
 TOMAN, J. E. P., 10  
 TONGE, J. I., 26  
 TOOMEY, J. A., 200\*, 319\*, 419  
 TORDA, C., 412  
 TORGERSEN, J., 118\*  
 TORNAY, A., 528  
 TÖRNBLOM, N., 8\*  
 TÖRNELL, E., 65, 667  
 TORSUÉ, N. A., 560\*  
 TOSTI, A., 644\*  
 TOOTH, F. M., 8  
 TOTTER, J. R., 64\*  
 TOURNAINE, A., 398, 509  
 TOURNEUR, R., 651\*  
 TOWERY, B. T., 293, 507  
 TRAEGER, C. H., 85  
 TRAINER, R. Y., 364  
 TRAUB, R., 320  
 TRAUT, E. F., 264  
 TRAUTMANN, F. O. P., 377  
 TRAUTWEIN, W., 54\*  
 TRAVIA, L., 373  
 TRELOAR, A. E., 287\*  
 TREMBLEY, H. L., 671  
 TREON, J. F., 240, 465\*, 584\*  
 TRIBUKH, S. L., 453, 547  
 TRICE, E. R., 303  
 TRICOIRE, J., 214, 429  
 TRIM, A. R., 220  
 TRIP, H. B., 87  
 TROI, F. M., 232  
 TROLLE, R., 536  
 TROLLIET, I., 517  
 TRONC, J., 219\*  
 TRONSTEIN, A. J., 398  
 TROSSBACH, J., 576  
 TROTTER, W. R., 640  
 TROUT, J. R., 67  
 TRUELOVE, S., 70  
 TRUMP, J. G., 137  
 TRUNNELL, J. B., 588  
 TS'AO, Y. P., 543\*  
 TSEVRENIS, H., 382\*  
 TUBANGUI, M., 446  
 TUCHMAN, M. S., 623  
 TUCKER, F. C., 656

- TUCKER, H. ST. G., 293  
 TUCKER, W. B., 666  
 TUCKER, W. I., 415  
 TULLIS, J. L., 469  
 TUNG, T., 543\*  
 TUOHY, J. H., 4  
 TURNER, C. N., 179  
 TURNER, G. C., 433, 551, 667  
 TURNER, H. M., 451  
 TURNER, J. W. A., 206  
 TWIBLE, E., 237  
 TYLER, F. H., 650  
 TYREE, E. B., 590\*  
 TZANCK, A., 423
- UEHLINGER, E., 624  
 UMBREIT, W. W., 603, 604  
 UNDERWOOD, E. A., 112\*  
 UNDERWOOD, G. B., 510  
 UNGAR, J., 21, 580  
 UNGER, J. L., 25\*  
 UNGLEY, C. C., 525, 626  
 UNNA, K., 575  
 UNTERMAN, D., 233  
 UPWARD, M. G., 419  
 URBAN, H., 309  
 URELS, A., 74  
 URINSON, Y. P., 269  
 URWITZ, S., 425  
 USTVEDT, H. J., 325, 435
- VACCARI, R., 644  
 VAHLQUIST, B., 147, 496  
 VAISMAN, A., 437, 645, 660  
 VAKIL, R. J., 321  
 VALLEE, B. L., 63  
 VALLEGIANI, L., 669  
 VALLENTIN, G., 667  
 VALLERY-RADOT, P., 560\*  
 VALLETTE, F., 14  
 VANATTA, J., 83, 380  
 VAN BEEK, C., 600  
 VAN BOGAERT, L., 309  
 VAN BOLHUIS, J. H., 47  
 VAN CURA, A., 305  
 VANDENBROUCKE, J., 628  
 VAN DER GHINST, M., 342\*  
 VANDERHAEGHE, H., 131  
 VAN DER SCHEER, J., 97  
 VANDER VEER, J. B., 617  
 VAN DOMMELLEN, C. K. V., 627  
 VAN EGMOND, A. A. J., 454\*  
 VANĚK, J., 37  
 VAN LIERE, E. J., 574  
 VAN LOGHEM, J. J., 47, 64  
 VAN ORDSSTRAND, H. S., 340  
 VAN ROOYEN, C. E., 363\*  
 VAN SLYKE, D. D., 602  
 VAN VLOTEN, T. J., 510  
 VAN WIEN, H., 104\*  
 VAN ZANDT HAWN, C., 568  
 VARANGOT, J., 593  
 VARAY, A., 289\*  
 VARGAS, L., 261  
 VARSIK, P., 325  
 VASILEYVA, K. P., 390  
 VASS, A., 618\*  
 VAUGHAN, J. H., 363  
 VEEENKLAAS, G. M. H., 47  
 VELLA, L., 461  
 VELU, H., 130  
 VENTURA, S., 8\*, 277  
 VERA, A. R., 519  
 VERBEKE, R., 13, 123, 233\*, 575  
 VERDECCHIA, G. C., 592  
 VERDER, A. E., 662  
 VERMEERSCH, R., 597  
 VERNANT, P., 384, 658\*  
 VERNON, S., 117  
 VESSEY, R. E., 125  
 VICKERS, H. R., 296\*  
 VIDAL-BARRAQUER, F., 620\*  
 VIDAL-COLOMER, E., 635  
 VIDEBEK, A., 522  
 VIETS, H. R., 224\*, 560\*  
 VIETS, W., 436  
 VIGLIANI, E. C., 116  
 VIKING, B., 579  
 VILANOVA, X., 17\*, 78, 292  
 VILAROEI, M. S., 661
- VILLALON, F. T., 45\*  
 VILLAMI, A., 385  
 VILLEVERDE, M., 75  
 VILLELA, G. G., 230\*  
 VINCENT, D., 250\*  
 VINSON, J. W., 579  
 VISLOCKY, K., 135  
 VITÉZ, I., 625  
 VITTO, G., 660  
 VIVARELLI, L., 79  
 DE VLEESCHOUWER, G. R., 575  
 VÖLKER, R., 379  
 VOETMANN, E., 229\*  
 VOGEL, E., 536  
 VOGELSANG, T. M., 44\*  
 VOGL, A., 203, 489\*  
 VOGT, A., 473  
 VOIGT, G. E., 360  
 VOLKMANN, M., 376  
 VONDERHEIDE, E. C., 164  
 VON GLAHN, W. C., 476  
 VOORES, W. D., 451\*  
 VORDERWINKLER, K., 314  
 VOTAVA, Z., 123  
 VOTH, H. W., 324\*  
 VROMAN, G. M. S., 272, 490  
 VROMAN, L., 272, 490
- WADDELL, W. R., 500  
 WADE, H., 560\*  
 WAGLEY, P. F., 167  
 WAHLGREN, F., 478  
 WAIFE, S. O., 153, 505  
 WAKELEY, J. C. N., 560\*  
 WAKIM, K. G., 268, 572  
 WAKSMAN, S. A., 19, 237, 329  
 WALDO, J. F., 129  
 WALKER, A. E., 524  
 WALKER, A. J., 163  
 WALKUP, H. E., 553  
 WALLACE, D. A., 296  
 WALLACE, R. B., 219  
 WALLER, M., 168\*  
 WALLER, R. K., 168\*  
 WALLERSTEIN, R. S., 462\*  
 WALLAY, A., 128  
 WALLIS, A. D., 648  
 WALLMARK, G., 565  
 WALLMARK, I. G., 461  
 WALSH, J. P., 54, 156  
 WALTER, K., 526  
 WALTER, R. I., 291  
 WALTERS, J. H., 556  
 WALTERS, W., 71\*, 391  
 WALTHER-BÜEL, H., 315  
 WALTON, M., 565  
 WAMMOCK, V. S., 513  
 WANGENSTEEN, O. H., 287\*  
 WANNAMAKER, L. W., 236  
 WANNAN, J. S., 26  
 WANTA, R. C., 452  
 WARD, H. P., 36, 154  
 WARE, A. G., 456  
 WARE, P. F., 38  
 WARIN, R. P., 49  
 WARMING-LARSEN, A. A., 504\*  
 WARNER, A. R., 364\*  
 WARRACK, G. H., 146  
 WARREN, J. E., 518  
 WARREN, M. R., 121  
 WARREN, S., 468, 474  
 WARTENBERG, R., 89  
 WARTER, P. J., 649  
 WASHBURN, A. M., 4  
 WASHINGTON, J. A., 423, 462\*, 662  
 WÄSSÉN, E., 522  
 WASSERMANN, M., 131, 647  
 WASSINK, W. F., 632  
 WATERS, L. L., 582  
 WATKINS, A. G., 365  
 WATKINS, A. L., 241  
 WATKINS, C. H., 66  
 WATKINSON, G., 222  
 WATROUS, J. B., 497  
 WATSON, C. J., 39, 152  
 WATSON, D. C., 271  
 WATSON, G. M., 166  
 WATSON, J. A., 646  
 WATT, J., 565  
 WATTS, R. W. E., 209
- WAUGH, D., 36\*  
 WAYNE, E. J., 127, 580, 640  
 WEATHERSBY, A. B., 108  
 WEAVER, F. L., 341  
 WEBB, R. R., 208  
 WEBER, E. J., 608  
 WEBSTER, B., 191, 472  
 WEBSTER, D. R., 71\*  
 WEBSTER, J. R., 644  
 WEDEKIND, T., 549\*  
 WEENS, H. S., 31, 32  
 WEETCH, R. S., 209  
 WEGELIUS, C., 469\*  
 WÉGRIA, R., 36, 154  
 WEICHSEL, M., 236  
 WEICKHARDT, G. D., 534  
 WEIDEN, S., 40, 143\*, 179  
 WEIL, M. P., 245  
 WEILL-HALLÉ, B., 326  
 WEINER, A. E., 343\*  
 WEINER, D., 611  
 WEINER, H. M., 158  
 WEINSTEIN, E. A., 53  
 WEINSTEIN, S., 401  
 WEINSTEIN, W. W., 56  
 WEIS, —, 275  
 WEISBERG, H. F., 372  
 WEISER, R. S., 579\*  
 WEISFUSE, L., 387  
 WEISS, H. A., 39, 170  
 WEISS, L., 599  
 WEISSBERG, G., 186  
 WEISSBERG, J., 613  
 WEISZ, R., 305  
 WEITZ, W., 9\*  
 WELCH, H., 236\*, 516  
 WELLER, T. H., 419\*  
 WELLS, A. Q., 3  
 WELLS, B. G., 162  
 WELLS, E. B., 174, 461, 631  
 WELLS, H. S., 263  
 WELLS, I. C., 496  
 WELSH, J. H., 13  
 WELTON, D. G., 298\*  
 WENER, J., 83, 285, 404  
 WERGELAND, H., 435  
 WERKÖ, L., 230  
 WERNER, H. W., 121, 460\*  
 WERNER, S. C., 508  
 WERNSDÖRFER, R., 512  
 WERNSTEDT, W., 565  
 WESCOE, W. C., 460  
 WEST, E. J., 540  
 WEST, H. F., 87\*  
 WEST, P. M., 475  
 WEST, R., 165  
 WEST, R. M., 513  
 WESTER, M. R., 232  
 WESTMAN, A., 291  
 WESWATER, J. O., 529  
 WETMORE, P. W., 264\*  
 WETZEL, N. C., 487\*  
 WEXLER, H., 226\*  
 WEYER, F., 98  
 WEMYES, C., 565  
 WHARTON, G. K., 620  
 WHEELER, C. M., 98  
 WHELTON, R. L., 239\*, 420  
 WHITE, C. M., 29\*  
 WHITE, E., 482  
 WHITE, P., 372  
 WHITE, P. D., 619  
 WHITE, W. F., 627\*  
 WHITEHEAD, J. E. M., 253  
 WHITEHEAD, W. H., 402\*  
 WHITESELL, F. B., 168  
 WHITFIELD, A. G. W., 259  
 WHITNER, V. S., 372  
 WHITTINGHAM, H., 338\*  
 WHITTINGTON, R. B., 252  
 WHITTY, C. W. M., 312, 313  
 WHITWELL, F., 44\*  
 WICHELHAUSEN, R. H., 405  
 WICKE, G., 343  
 WIENER, A. S., 25\*  
 WIESINGER, K., 376  
 WIESMANN, R., 586  
 WIGGALL, R. H., 303  
 WIGLESWORTH, F. W., 388  
 WIGLEY, J. E. M., 399  
 WIGOD, M., 118\*  
 WILANDER, O., 334  
 WILDER, R. M., 1  
 WILDFÜHR, G., 211, 212
- WILHELM, S. F., 647  
 WILKINS, R. W., 54, 59, 161, 493  
 WILKINSON, J. F., 62, 383  
 WILKINSON, K. D., 560\*  
 WILKINSON, M., 469  
 WILL, L., 502  
 WILLCOX, R. R., 300, 400, 402, 559\*  
 WILLIAMS, E. O., 370  
 WILLIAMS, G. E. O., 370  
 WILLIAMS, I. G., 30  
 WILLIAMS, R. E. O., 561  
 WILLIAMS, R. H., 164, 293, 507  
 WILLIAMS, R. J., 152  
 WILLIAMS, R. W., 136  
 WILLIAMS, S., 99  
 WILLIAMS, Y. J., 606  
 WILNER, D., 358  
 WILSON, B. J., 361\*  
 WILSON, J. F., 399  
 WILSON, R. C., 345  
 WILSON, R. H., 263  
 WILSON, S. G., 220\*  
 WILSON, S. J., 169  
 WILSON, T. H., 249  
 WILSON, T. M., 40\*  
 WILSON, V. K., 275  
 WILSON, W. M., 437  
 WILSON, W. W., 129  
 WILT, J. C., 450  
 WILTNER, W., 250  
 WIMER, B., 167\*  
 WINBLAD, S., 334  
 WINDSOR, T., 13  
 WINIK, I. W., 458\*  
 WINKELMAN, N. W., 529  
 WINKLER, W., 536  
 WINTER, L., 509  
 WINTROBE, M. M., 383, 650  
 WIRTS, C. W., 71  
 WISE, C. S., 241  
 WISE, H., 561  
 WISEMAN, B. K., 62  
 WISSMER, B., 392  
 WITTH, T. K., 522  
 WITTEKIND, D., 632  
 WITTS, L. J., 166, 277  
 WOHL, M. G., 153  
 WOLARSKY, W., 393  
 WOLF, B. S., 452  
 WOLF, F. J., 22\*  
 WOLF, S., 504\*, 533, 654  
 WOLF, W. H., 90  
 WOLFF, H. G., 89, 316, 412, 532, 533  
 WOLFF, H. H., 568  
 WOLFF, W. A., 540  
 WOLFSOHN, G., 182  
 WOLFSON, W. Q., 52, 314  
 WOLINSKY, E., 103  
 WOLL, F., 252\*  
 WOLLAEGER, E. E., 71, 72, 283  
 WOLMAN, L., 409  
 WOLTMAN, H. W., 412  
 WONG, Y. T., 203  
 WOOD, D. R., 122  
 WOOD, E. E., 384  
 WOOD, E. H., 140, 345  
 WOOD, E. J., 282, 341  
 WOOD, J. J., 143\*, 179  
 WOOD, P., 266  
 WOOD, W. J., 450  
 WOODHALL, B., 129  
 WOOD JONES, F., 224\*  
 WOODRUFF, A. W., 332  
 WOODRUFF, C. E., 104, 626  
 WOODS, M. W., 229  
 WOODWARD, T. E., 237, 320, 323, 324, 421, 660  
 WOOLDRIDGE, W. E., 297  
 WOOLF, B., 269  
 WOOLNER, L. B., 282  
 WRIGHT, H., 584\*  
 WRIGHT, H. P., 577  
 WRIGHT, I. S., 601  
 WRIGHT, J., 46  
 WRIGHT, L. T., 288, 513  
 WRIGHT, S., 123  
 WRIGHT, W. S., 290  
 WU, T. T., 106\*  
 WUHRMANN, F., 382  
 WULF, M. H., 370  
 WUNDERLY, C., 382  
 WYCIS, H. T., 88

## AUTHOR INDEX TO VOLUME 7

WYLLIE, W. G., 367  
 WYMAN, L., 605  
 WYNDHAM, C. L., 617  
 WYNN, W., 566  
 WYSS, F. 50

XALABARDER, C., 629

YAGER, R. H., 249\*  
 YAKUSHEVA, T. S., 248  
 YANNITELLI, S. A., 104  
 YEOMANS, A., 98  
 YESNER, R., 394  
 YOUNG, B. R., 471  
 YOUNG, C. J., 40

YOUNG, E. H. P., 437\*  
 YOUNG, F. G., 249\*  
 YOUNG, F. H., 103  
 YOUNG, M. D., 443  
 YOUNG, M. Y., 127  
 YOUNG, R. M., 417  
 YOUNG, W. F., 606  
 YOUNGWIRTH, S. H., 489\*  
 YOUNKER, W. J., 240  
 YOUNKERS, W., 465\*  
 YOUNT, E. H., 443  
 YOW, E. M., 323  
 YUDA, N. N., 125

ZAFFAGNINI, V., 607  
 ZAGARIA, R., 152  
 ZAGER, L. L., 572  
 ZAHALAN, F., 489

ZAHN, D. W., 500\*  
 ZAJACZKOWSKI, H., 23  
 ZAK, F. G., 298, 598  
 ZAMCHECK, N., 289  
 ZAMECNIK, P. C., 1  
 ZAMORA, G. M., 661  
 ZANETTI, E., 357  
 ZANUSSI, C., 656\*  
 ZARAFONETIS, C. J. D., 98  
 ZÁRATE, O., 260\*  
 ZARDAY, I., 54\*  
 ZARETSKII, I. I., 466  
 ZARIBNICKY, F., 449  
 ZDANSKY, E., 218  
 ZEDER, E., 243  
 ZEGLIO, P., 464  
 ZELLER, W. W., 85  
 ZELLWEGER, H., 201\*  
 ZETTERBERG, B., 105\*  
 ZHEUTLIN, B., 160\*

ZHEUTLIN, H. E. C., 191, 303  
 ZIEGLER, D. K., 413  
 ZIEGLER, M. R., 290  
 ZILLIACUS, H., 486  
 ZIMDAHL, W., 378  
 ZIMERINOV, A. A., 605\*  
 ZIMMERMAN, H. M., 430  
 ZINI, F., 430  
 ZINKHAM, W. H., 167  
 ZINNEMANN, K., 254  
 ZINS, E. I., 403  
 ZINTEL, H. A., 349  
 ZOLLINGER, H. U., 247  
 ZONDEK, H., 182, 261  
 ZUBROD, G., 22\*  
 ZUCKERMAN, R., 260\*, 369  
 ZÜLCH, K. Z., 310  
 ZUELZER, W. W., 353, 390  
 ZVETINA, J. R., 665\*  
 ZWEIFACH, B. W., 10

